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Tissue

PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

In This Issue:
LABOR SURPLUS AREAS LISTINGS

JUNE 1980
Vol. XXV No. 6

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In Cooperation with the United States Bureau of Labor Statistics
BUR-662 REV 10-77

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
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Issued: June 1980 Reference: Mid-May

PENNSYLVANIA EMPLOYMENT & EARNINGS
MAY 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, jumped up again in May even though unadjusted unemployment dropped.

Seasonally adjusted, the volume of unemployment was estimated at 446,000 in May, up 32,000 from April. The rate of unemployment was 8.3 percent in May, up from 7.7 percent in April. The May rise marks the second month in a row that Pennsylvania's unemployment advanced substantially, representing a two month rise of 79,000. These successive increases added an alarming sharpness to Pennsylvania's unemployment uptrend. One year ago, seasonally adjusted unemployment was 357,000 and the rate was 6.8 percent.

The unadjusted rate of unemployment edged lower to 7.2 percent in May from the April rate of 7.3 percent. The unadjusted volume of unemployment declined by a mere 6,000 to stand at 382,000 in May, a month which is generally characterized by a substantial drop in unemployment due to seasonal employment expansions. One year ago, unemployment numbered 294,000, with the rate, 5.6 percent.

Nationwide, the May seasonally adjusted rate was 7.8 percent of the civilian labor force, up markedly from 7.0 percent in April. The unadjusted rate was 7.0 percent in May, up from 6.6 percent in April.

MANUFACTURING JOB DOWNTURN CONTINUES

The manufacturing job situation continued to deteriorate in May. The recent loss of 15,000 jobs brought the total count to 1,351,500 in a continuation of a slide which began eight months ago. All industries except CHEMICALS and PETROLEUM contributed to a worsening situation in factory jobs. Hardest hit were the PRIMARY METAL industries - down 3,900, RUBBER - off 2,300 and FABRICATED METALS and APPAREL - cutting back 2,100 and 1,600, respectively. A few industries, particularly RUBBER, FABRICATED METALS and NONELECTRICAL MACHINERY, felt the additional strain of labor-management disputes. While these did not affect a great number of workers they did, nevertheless, contribute to the lackluster factory job situation.

Neither were over-the-year developments encouraging. As Pennsylvania factories pulled in the reins over the past few months, job scarcity became more evident. Nearly 41,000 fewer jobs were available compared with May 1979. Losses occurring in durable industries were more than twice the number in nondurables. PRIMARY METALS, TRANSPORTATION EQUIPMENT and APPAREL industries were, collectively, responsible for half of this downturn.

The gravity of the economic slump was further underscored in the drop of more than 834,000 factory production hours during May. The 38.5 hour average workweek was the lowest in 26 months. PRIMARY METALS incurred the sharpest cutback, 1.8 hours. ELECTRICAL MACHINERY and PAPER followed, with nine-tenths of an hour each. On the other hand, FOOD, FABRICATED METALS and MISCELLANEOUS MANUFACTURERS actually reversed April's trend and reported gains in production hours of a half hour or more. STONE, CLAY AND GLASS industries also showed some vitality in this area.

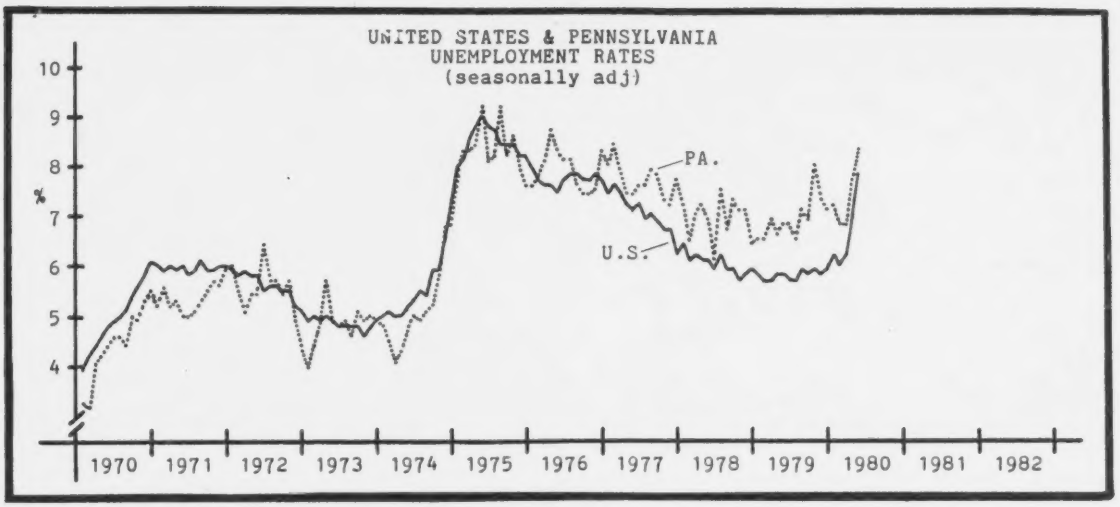
Nationwide, the workweek was slightly higher than the state's average. At 39.4 it showed no change from the previous month.

Changes in average hourly earnings ranged from a decline of fifteen cents in PETROLEUM to increases of fourteen cents in PRIMARY and FABRICATED METALS and FOOD. Overall, the factory hourly rate inched up three cents to $7.46 - somewhat higher than the nationwide average of $7.12 - up four cents.

NONMANUFACTURING SEASONALLY STRONG

The non-factory sector performed rather well in May. The 29,000 job increase boosted the total to 3,479,000 and was not too far out of line with normal spring behavior patterns. CONSTRUCTION moved up with renewed strength, furnishing more than 10,000 additional jobs since mid-April. SERVICES and RETAIL TRADE provided the remaining impetus in putting nonmanufacturing jobs well above the month ago level. This, incidentally, compares very favorably with the seasonal trend patterns of the past few years. MINING, TRANSPORTATION and WHOLESALE TRADE fell off slightly.

Nonmanufacturing jobs stood only 8,200 above last May with SERVICES alone showing any momentum. RETAIL TRADE, GOVERNMENT and TRANSPORTATION were on the minus side, together accounting for more than a 32,000 job deficit over the twelve month period.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 May	5,209.0	4,915.0	294.0	5.6	6.8	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
TOTAL CIVILIAN LABOR FORCE	5,301.0	5,321.0	5,209.0	-20.0	92.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	382.0	388.0	294.0	-6.0	88.0
% CIVILIAN LABOR FORCE	7.2	7.3	5.6	-0.1	1.6
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	446.0	414.0	357.0	32.0	89.0
% CIVILIAN LABOR FORCE	8.3	7.7	6.8	0.6	1.5
TOTAL EMPLOYMENT	4,919.0	4,933.0	4,915.0	-14.0	4.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,835.5	4,820.2	4,873.8	15.3	-38.3
LABOR-MANAGEMENT DISPUTES	5.0	3.6	10.8	1.4	-5.8
ALL MANUFACTURING INDUSTRIES	1,351.5	1,366.7	1,392.2	-15.2	-40.7
TOTAL NONMANUFACTURING INDUSTRIES	3,479.0	3,449.9	3,470.8	29.1	8.2
Mining	48.6	50.5	52.1	-1.9	-3.5
Anthracite	3.1	3.2	3.1	-0.1	0.0
Bituminous	36.3	38.3	40.3	-2.0	-4.0
Nonmetallic minerals	5.0	4.8	4.9	0.2	0.1
Contract Construction	206.1	196.0	209.8	10.1	-3.7
General building	55.7	53.2	60.5	2.5	-4.8
Heavy construction	32.9	28.6	37.9	4.3	-5.0
Special trades	117.5	114.2	111.4	3.3	6.1
Transportation	162.1	164.4	172.5	-2.3	-10.4
Railroads	42.9	42.9	45.1	0.0	-2.2
Public Utilities	104.3	104.1	102.9	0.2	1.4
Communications	54.6	54.5	53.9	0.1	0.7
Electric, gas & sanitary service	49.7	49.6	49.0	0.1	0.7
Electric systems	23.9	23.7	23.2	0.2	0.7
Gas production	11.6	11.6	11.5	0.0	0.1
Wholesale trade	238.5	240.0	237.8	-1.5	0.7
Retail trade	746.5	737.0	758.5	9.5	-12.0
General merchandise stores	116.2	116.9	122.8	-0.7	-6.6
Department stores	101.9	102.6	108.1	-0.7	-6.2
Finance, insurance & real estate	241.7	238.9	234.7	2.8	7.0
Banking	79.3	79.3	76.9	0.0	2.4
Commercial & stock savings	73.0	73.0	71.0	0.0	2.0
Credit agencies & securities	29.9	29.6	29.3	0.3	0.6
Insurance	70.8	70.5	68.9	0.3	1.9
Life insurance	26.3	26.3	26.2	0.0	0.1
Fire, marine & casualty	29.8	29.6	28.5	0.2	1.3
Services	1,001.3	990.8	961.5	10.5	39.8
Business services	127.8	126.3	124.2	1.5	3.6
Health services	307.6	306.5	301.8	1.1	5.8
Nursing & personal care	50.8	50.6	49.3	0.2	1.5
Hospitals	189.0	188.5	183.1	0.5	5.9
Educational service	151.2	155.4	125.6	-4.2	25.6
Miscellaneous services	46.0	45.8	44.1	0.2	1.9
Engineering & architectural	29.1	28.9	28.0	0.2	1.1
Government	729.9	728.2	741.0	1.7	-11.1
Federal	133.6	132.1	131.2	1.5	2.4
State & local	596.3	596.1	609.8	0.2	-13.5

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,830.5	4,100.6	1,351.5	3,479.0	48.6	206.1	985.0	238.5	746.5

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	162.1	104.3	241.7	1,001.3	189.0	812.3	729.9	133.6	596.3

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)
APRIL 1980

Industry	Employment (Thousands)	Accession Rates: Total Apr. 1980	Total Mar. 1980	Total Apr. 1979	New Hires Apr. 1980	New Hires Mar. 1980	New Hires Apr. 1979	Recalls Apr. 1980	Recalls Mar. 1980	Recalls Apr. 1979
All Manufacturing	1,366.7	2.5	2.7	2.9	1.3	1.4	1.7	1.0	1.0	0.9
Durable Goods	836.6	2.1	2.3	2.5	1.0	1.1	1.5	0.8	0.9	0.8
Furniture & Fixtures	20.0	2.8	4.0	4.2	2.1	2.5	3.1	0.6	1.4	0.6
Stone, Clay & Glass Products	61.9	2.5	2.5	3.8	0.8	0.9	1.7	1.6	1.5	2.0
Primary Metal Industries	197.3	2.0	2.1	2.0	0.5	0.7	1.1	1.1	1.1	0.7
Fabricated Metal Products	114.6	2.2	2.8	2.8	1.0	1.1	1.8	1.1	1.4	0.9
Machinery, exc. Electrical	146.0	1.4	1.7	1.6	1.1	1.3	1.2	0.2	0.3	0.2
Electric & Electronic Equip.	125.1	2.0	2.2	2.5	1.2	1.2	1.4	0.4	0.5	0.7
Transportation Equipment	81.6	2.1	2.1	3.1	0.7	0.8	1.4	0.9	0.8	1.3
Instruments & Related Products	42.7	1.5	1.8	2.0	1.2	1.5	1.4	0.2	0.1	0.5
Miscellaneous Manufacturing	25.0	3.8	2.6	3.3	2.8	1.5	1.6	0.7	1.0	1.6
Nondurable Goods	530.1	3.2	3.3	3.6	1.7	2.0	2.1	1.3	1.2	1.1
Food & Kindred Products	97.5	3.4	3.1	4.3	1.5	1.7	2.5	1.8	1.2	1.6
Textile Mill Products	47.4	3.1	3.9	3.6	2.3	2.6	2.6	0.7	1.1	0.8
Apparel & Related Products	126.9	4.2	4.4	4.3	2.1	2.4	2.2	1.8	1.7	1.7
Paper & Allied Products	43.4	2.7	2.9	2.6	0.9	1.6	1.6	1.6	1.2	0.8
Printing & Publishing	74.4	2.5	2.9	2.4	1.8	1.8	1.8	0.7	1.0	0.5
Chemicals & Allied Products	62.3	1.4	1.6	1.6	1.0	1.2	1.1	0.2	0.4	0.3
Petroleum & Coal Products	16.8	1.0	1.3	2.0	0.9	0.9	1.1	-	0.3	0.8
Rubber & Plastics Products	40.6	3.5	2.6	3.8	1.3	1.2	2.2	1.8	0.9	1.4
Leather & Leather Products	17.6	9.3	7.0	6.7	5.1	5.5	4.9	1.3	1.4	1.5

Industry	Employment (Thousands)	Separation Rates: Total Apr. 1980	Total Mar. 1980	Total Apr. 1979	Quits Apr. 1980	Quits Mar. 1980	Quits Apr. 1979	Layoffs Apr. 1980	Layoffs Mar. 1980	Layoffs Apr. 1979
All Manufacturing	1,366.7	3.3	3.0	2.8	0.8	0.9	1.1	1.8	1.4	1.0
Durable Goods	836.6	3.1	2.7	2.3	0.6	0.6	0.8	1.9	1.4	0.8
Furniture & Fixtures	20.0	3.9	3.6	6.0	2.0	1.6	2.2	1.3	1.4	2.9
Stone, Clay & Glass Products	61.9	3.9	2.4	2.4	0.5	0.5	0.7	2.8	1.5	1.2
Primary Metal Industries	197.3	3.0	2.2	1.9	0.3	0.3	0.4	2.0	1.1	0.7
Fabricated Metal Products	114.6	5.0	3.4	3.1	0.6	0.7	0.9	3.7	2.1	1.6
Machinery, exc. Electrical	146.0	1.6	1.9	1.3	0.6	0.7	0.7	0.5	0.5	0.2
Electric & Electronic Equip.	125.1	2.9	3.0	2.3	0.6	0.7	0.8	1.4	1.2	0.5
Transportation Equipment	81.6	3.3	3.9	2.9	0.4	0.4	0.7	2.0	2.4	1.1
Instruments & Related Products	42.7	1.9	2.1	1.7	0.6	0.6	0.9	0.7	1.0	0.3
Miscellaneous Manufacturing	25.0	3.9	2.3	3.0	0.9	0.7	0.9	2.1	1.1	1.1
Nondurable Goods	530.1	3.5	3.4	3.5	1.2	1.3	1.5	1.8	1.5	1.3
Food & Kindred Products	97.5	4.0	3.5	4.1	0.9	1.1	1.6	2.5	1.9	2.0
Textile Mill Products	47.4	4.5	3.5	4.1	1.6	1.9	2.4	2.3	1.0	1.1
Apparel & Related Products	126.9	4.2	4.5	4.5	1.5	1.8	1.8	2.0	1.9	1.8
Paper & Allied Products	43.4	2.7	4.0	2.5	0.7	1.0	1.1	1.4	1.8	0.8
Printing & Publishing	74.4	2.5	2.1	2.3	1.2	0.9	1.2	0.9	0.6	0.8
Chemicals & Allied Products	62.3	1.4	1.4	1.2	0.5	0.5	0.6	0.5	0.5	0.4
Petroleum & Coal Products	16.8	0.5	0.8	1.2	0.2	0.3	0.5	0.1	0.1	0.4
Rubber & Plastics Products	40.6	5.1	4.1	3.4	1.0	1.0	1.2	3.2	2.3	1.4
Leather & Leather Products	17.6	6.4	7.0	8.2	4.0	3.8	4.7	1.6	2.6	2.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
	TOTAL MANUFACTURING INDUSTRIES	1,351.5	1,366.7	1,392.2	-15.2	-40.7
	TOTAL DURABLE GOODS	826.7	836.6	855.2	-9.9	-28.5
24	Lumber & wood products	21.8	22.4	22.9	-0.6	-1.1
243	Millwork, plywood & structural	6.9	7.2	7.4	-0.3	-0.5
	Other lumber & wood products	14.9	15.2	15.5	-0.3	-0.6
25	Furniture & fixtures	19.2	20.0	20.2	-0.8	-1.0
251	Household furniture	9.0	9.6	9.6	-0.6	-0.6
252	Office furniture	4.7	4.9	4.9	-0.2	-0.2
	Other furniture & fixtures	5.5	5.5	5.7	0.0	-0.2
32	Stone, clay & glass products	61.0	61.9	65.0	-0.9	-4.0
322	Glass & glassware, pressed or blown	15.6	15.7	17.1	-0.1	-1.5
3221	Glass containers	8.1	8.1	9.4	0.0	-1.3
3229	Other pressed or blown glass	7.5	7.6	7.7	-0.1	-0.2
324	Hydraulic cement	2.9	3.0	3.5	-0.1	-0.6
325	Structural clay products	6.2	6.4	6.7	-0.2	-0.5
326	Pottery & related products	4.9	5.0	5.2	-0.1	-0.3
327	Concrete, gypsum & plaster products	8.7	8.7	9.0	0.0	-0.3
	Other stone, clay & glass products	22.7	23.1	23.5	-0.4	-0.8
33	Primary metal industries	193.4	197.3	202.5	-3.9	-9.1
331	Blast furnace & basic steel products	145.3	147.8	150.9	-2.5	-5.6
3312	Blast furnaces & steel mills	132.7	134.6	138.4	-1.9	-5.7
	Other basic steel products	12.6	13.2	12.5	-0.6	0.1
332	Iron & steel foundries	20.0	20.5	20.4	-0.5	-0.4
3321	Gray iron foundries	7.8	7.9	8.0	-0.1	-0.2
3325	Steel foundries, n.e.c.	7.5	7.7	7.3	-0.2	0.2
3322,4	Malleable iron & steel invest.	4.7	4.9	5.1	-0.2	-0.4
335	Nonferrous rolling & drawing	12.1	12.7	13.3	-0.6	-1.2
336	Nonferrous foundries	7.6	7.7	7.7	-0.1	-0.1
	Other primary metal products	8.4	8.6	10.2	-0.2	-1.8
34	Fabricated metal products,(incl. ordnance)	112.5	114.6	115.9	-2.1	-3.4
341	Metal cans & shipping containers	4.9	4.9	5.1	0.0	-0.2
342	Cutlery, hand tools & hardware	7.4	7.6	7.7	-0.2	-0.3
343	Plumbing & heating exc. electrical	3.4	3.6	3.4	-0.2	0.0
344	Fabricated structural metal products	35.9	36.5	36.7	-0.6	-0.8
3441	Fabricated structural metal	8.8	9.3	9.3	-0.5	-0.5
3443	Fabricated plate work (boiler shops)	11.2	11.1	11.2	0.1	0.0
	Other fabricated struct. metal products	15.9	16.1	16.2	-0.2	-0.3
345	Screw machine products, bolts, etc.	8.8	9.2	9.1	-0.4	-0.3
346	Metal forgings & stampings	20.5	20.3	21.7	0.2	-1.2
3462	Iron & steel forgings	6.5	6.4	6.6	0.1	-0.1
	Other metal forgings & stampings	14.0	13.9	15.1	0.1	-1.1
347,8	Metal services & ordnance, n.e.c.	8.0	8.2	8.1	-0.2	-0.1
349	Misc. fabricated metal products	23.6	24.3	24.1	-0.7	-0.5
3494	Valves & pipe fittings	11.1	11.2	10.8	-0.1	0.3
	Other misc. fabricated metal products	12.5	13.1	13.3	-0.6	-0.8
35	Machinery, exc. electrical	145.0	146.0	143.4	-1.0	1.6
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	4.9	4.9	4.4	0.0	0.5
353	Construction & related machinery	25.5	25.7	25.9	-0.2	-0.4
3531	Construction machinery	9.3	9.3	9.7	0.0	-0.4
3535	Conveyors & conveying equipment	3.3	3.3	3.5	0.0	-0.2
	Other construction & related machinery	12.9	13.1	12.7	-0.2	0.2
354	Metal working machinery	24.6	24.8	23.9	-0.2	0.7
355	Special industry machinery	13.8	13.9	13.2	-0.1	0.6
356	General industrial machinery	29.5	29.8	29.5	-0.3	0.0
3561	Pumps & pumping equipment	3.8	3.9	4.0	-0.1	-0.2
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.2	5.4	5.4	-0.2	-0.2
3567	Industrial furnaces & ovens	4.0	4.1	3.9	-0.1	0.1
	Other general industrial machinery	12.2	12.1	11.8	0.1	0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.) Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
357	Office and computing machines	13.1	13.0	12.8	0.1	0.3
358	Refrigeration & service industry machinery	11.5	11.6	11.7	-0.1	-0.2
359	Misc. machinery, exc. electrical	14.9	15.1	14.5	-0.2	0.4
36	Electric & electronic equipment	125.0	125.1	128.8	-0.1	-3.8
361	Electric distributing equipment	18.1	18.3	20.4	-0.2	-2.3
3612	Transformers	6.0	6.1	6.5	-0.1	-0.5
3613	Switchgear & switchboard apparatus	12.1	12.2	13.9	-0.1	-1.8
362	Electrical industrial apparatus	24.0	23.8	24.2	0.2	-0.2
363	Household appliances	4.4	4.5	4.6	-0.1	-0.2
364	Electric lighting & wiring equipment	22.2	22.4	22.6	-0.2	-0.4
3643	Current-carrying wiring devices	11.7	11.6	11.2	0.1	0.5
	Other electric light & wiring equipment	10.5	10.8	11.4	-0.3	-0.9
366	Communication equipment	9.2	8.9	8.7	0.3	0.5
367	Electronic components & accessories	36.5	37.2	35.8	-0.7	0.7
3674	Semiconductors & related devices	12.8	12.8	11.5	0.0	1.3
	Other electronic components & accessories	23.7	24.4	24.3	-0.7	-0.6
	Other electrical equipment & supplies	10.6	10.0	12.5	0.6	-1.9
37	Transportation equipment	81.5	81.6	87.1	-0.1	-5.6
371	Motor vehicles & equipment	27.8	28.8	33.1	-1.0	-5.3
3714	Motor vehicle parts & accessories	10.7	11.3	13.0	-0.6	-2.3
	Other motor vehicles & equipment	17.1	17.5	20.1	-0.4	-3.0
372	Aircraft & parts	10.2	8.7	11.7	1.5	-1.5
373	Ship & boat building & repairing	7.6	7.7	7.8	-0.1	-0.2
374	Railroad equipment	23.6	23.6	23.5	0.0	0.1
	Other transportation equipment	12.3	12.8	11.0	-0.5	1.3
38	Instruments & related products	42.6	42.7	43.1	-0.1	-0.5
382	Measuring & controlling devices	23.1	23.4	23.7	-0.3	-0.6
384	Medical instruments & supplies	11.6	11.5	11.8	0.1	-0.2
	Other instruments & related products	7.9	7.8	7.6	0.1	0.3
39	Miscellaneous manufacturing industries	24.7	25.0	26.3	-0.3	-1.6
	TOTAL NONDURABLE GOODS	524.8	530.1	537.0	-5.3	-12.2
20	Food & kindred products	97.4	97.5	98.0	-0.1	-0.6
201	Meat products	16.7	16.7	15.9	0.0	0.8
2011	Meat packing plants	5.2	5.3	5.1	-0.1	0.1
2013	Sausages & other prepared meats	5.8	5.7	5.5	0.1	0.3
2016,7	Poultry dressing & processing	5.7	5.7	5.3	0.0	0.4
202	Dairy products	12.1	11.7	11.8	0.4	0.3
2026	Fluid milk	6.9	6.7	6.9	0.2	0.0
	Other dairy products	5.2	5.0	4.9	0.2	0.3
203	Preserved fruits & vegetables	11.0	11.6	12.6	-0.6	-1.6
2033	Canned fruits & vegetables	4.4	4.9	5.3	-0.5	-0.9
	Other preserved fruits & vegetables	6.6	6.7	7.3	-0.1	-0.7
204	Grain mill products	5.1	5.1	4.6	0.0	0.5
205	Bakery products	19.9	19.7	19.5	0.2	0.4
2051	Bread, cake & related products	14.8	14.6	14.9	0.2	-0.1
2052	Cookies & crackers	5.1	5.1	4.6	0.0	0.5
206	Sugar & confectionery products	14.5	14.9	15.1	-0.4	-0.6
2065	Confectionery products	5.8	5.9	6.1	-0.1	-0.3
2066	Chocolate & cocoa products	5.6	5.8	5.8	-0.2	-0.2
	Other sugar products	3.1	3.2	3.2	-0.1	-0.1
208	Beverages	9.8	9.5	9.9	0.3	-0.1
	Other food & kindred products	8.3	8.3	8.6	0.0	-0.3
21	Tobacco manufacturers	3.1	3.2	3.7	-0.1	0.6
22	Textile mill products	46.5	47.4	48.6	-0.9	-2.1
222	Weaving mills, snythetics	4.6	4.6	4.5	0.0	0.1
225	Knitting mills	24.5	24.3	24.4	0.2	0.1
2253	Knit outerwear mills	12.6	12.5	12.4	0.1	0.2
2254	Knit underwear mills	4.9	4.8	5.0	0.1	-0.1
	Other knitting mills	7.0	7.0	7.0	0.0	0.0
227	Floor covering mills	3.2	3.6	4.1	-0.4	-0.9
228	Yarn & thread mills	4.2	4.8	5.2	-0.6	-1.0
	Other textile mill products	10.0	10.1	10.4	-0.1	-0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.) Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
23	Apparel & other textile products	125.3	126.9	131.5	-1.6	-6.2
231	Men's & boys' suits & coats	15.3	14.9	15.4	0.4	-0.1
232	Men's & boys' furnishings	25.0	24.9	24.9	0.1	0.1
2321	Men's & boys' shirts & nightwear	8.7	8.7	9.2	0.0	-0.5
2327	Men's & boys' separate trousers	6.3	6.2	6.2	0.1	0.1
	Other furnishings and work clothing	10.0	10.0	9.5	0.0	0.5
233	Women's & misses' outerwear	55.6	57.6	60.5	-2.0	-4.9
234	Women's & children's undergarments	9.9	10.0	10.4	-0.1	-0.5
236	Children's outerwear	7.3	6.9	7.6	0.4	-0.3
	Other apparel & textile products	12.2	12.6	12.7	-0.4	-0.5
26	Paper & allied products	43.3	43.4	44.5	-0.1	-1.2
262	Paper mills exc. building paper	12.3	12.0	12.2	0.3	0.1
265	Paper board containers & boxes	14.0	14.1	15.0	-0.1	-1.0
2653	Corrugated & solid fiber boxes	7.4	7.5	7.7	-0.1	-0.3
	Other paperboard containers	6.6	6.6	7.3	0.0	-0.7
	Other paper & allied products	17.0	17.3	17.3	-0.3	-0.3
27	Printing & publishing	74.2	74.4	72.0	-0.2	2.2
271	Newspapers	26.2	26.1	25.5	0.1	0.7
273	Books	8.3	8.4	7.9	-0.1	0.4
275	Commercial printing	21.3	21.4	20.5	-0.1	0.8
2752	Lithographing	10.8	10.8	10.2	0.0	0.6
	Other commercial printing	10.5	10.6	10.3	-0.1	0.2
276	Manifold business forms	3.7	3.8	3.8	-0.1	-0.1
	Other printing & publishing	14.7	14.7	14.3	0.0	0.4
28	Chemicals & allied products	62.4	62.3	60.9	0.1	1.5
281	Industrial inorganic chemicals	11.4	11.3	10.7	0.1	0.7
282	Plastic materials & synthetics	8.8	8.7	8.8	0.1	0.0
283	Drugs	18.0	18.2	17.0	-0.2	1.0
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.5	0.0	-0.1
	Other chemicals & allied products	16.6	16.5	16.7	0.1	-0.1
29	Petroleum & coal products	16.8	16.8	17.6	0.0	-0.8
291	Petroleum refining	13.0	13.1	13.3	-0.1	-0.3
	Other petroleum & coal products	3.8	3.7	4.3	0.1	-0.5
30	Rubber & misc. plastics products	38.3	40.6	42.2	-2.3	-3.9
301	Tires & inner tubes	5.8	6.8	8.1	-1.0	-2.3
306	Fabricated rubber products, nec	5.1	5.3	5.3	-0.2	-0.2
	Other rubber & plastic products, nec	27.4	28.5	28.8	-1.1	-1.4
31	Leather & leather products	17.5	17.6	18.0	-0.1	-0.5
314	Footwear, exc. rubber	13.9	13.9	14.0	0.0	-0.1
3143	Men's footwear, exc. athletic	5.4	5.4	5.9	0.0	-0.5
3144	Women's footwear, exc. athletic	4.7	4.7	4.3	0.0	0.4
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.6	3.7	4.0	-0.1	-0.4

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
TOTAL MANUFACTURING INDUSTRIES	$287.21	$288.28	$273.14	38.5	38.8	39.7	$7.46	$7.43	$6.88
TOTAL DURABLE GOODS	323.36	326.30	311.54	39.1	39.6	41.1	8.27	8.24	7.58
Lumber & wood products	215.00	214.23	196.95	38.6	38.6	39.0	5.57	5.55	5.05
Millwork, plywood & structural	205.86	223.05	202.61	36.5	39.2	38.3	5.64	5.69	5.29
Other lumber & wood products	219.38	210.27	194.24	39.6	38.3	39.4	5.54	5.49	4.93
Furniture & fixtures	242.14	239.34	210.86	39.5	39.3	38.2	6.13	6.09	5.52
Household furniture	215.05	215.05	191.26	39.1	39.1	38.1	5.50	5.50	5.02
Office furniture	252.18	249.00	229.20	38.5	37.9	38.2	6.55	6.57	6.00
Other furniture & fixtures	282.36	278.78	231.55	41.1	41.3	38.4	6.87	6.75	6.03
Stone, clay & glass products	308.97	304.76	301.18	40.6	40.1	42.6	7.61	7.60	7.07
Glass & glassware, pressed or blown	263.44	245.52	288.97	35.6	33.0	40.7	7.40	7.44	7.10
Glass containers	235.29	201.36	309.64	31.0	26.6	42.3	7.59	7.57	7.32
Other pressed or blown glass	292.90	290.33	263.16	40.4	39.5	38.7	7.25	7.35	6.80
Hydraulic cement	419.45	407.71	387.86	40.1	41.1	41.0	10.46	9.92	9.46
Structural clay products	260.16	269.84	264.09	38.6	39.8	41.2	6.74	6.78	6.41
Pottery & related products	284.54	283.98	250.92	41.6	41.7	41.0	6.84	6.81	6.12
Concrete, gypsum & plaster prods.	298.70	283.61	295.93	41.2	40.4	44.5	7.25	7.02	6.65
Other stone, clay & glass prods.	365.94	372.49	329.85	45.8	46.1	45.0	7.99	8.08	7.33
Primary metal industries	381.96	395.77	387.39	36.0	37.8	41.3	10.61	10.47	9.38
Blast furnace & basic steel prods.	404.69	423.52	418.37	34.5	36.7	41.3	11.73	11.54	10.13
Blast furnaces & steel mills	409.70	429.79	424.77	34.0	36.3	41.2	12.05	11.84	10.31
Other basic steel products	357.69	362.78	346.88	40.1	40.9	42.2	8.92	8.87	8.22
Iron & steel foundries	311.26	308.50	291.20	39.3	39.4	40.0	7.92	7.83	7.28
Gray iron foundries	295.68	300.60	283.60	38.3	39.5	40.0	7.72	7.61	7.09
Steel foundries, n.e.c.	316.74	308.05	305.12	39.2	38.7	40.2	8.08	7.96	7.59
Malleable iron & steel invest.	327.59	322.79	285.68	41.0	40.5	39.9	7.99	7.97	7.16
Nonferrous rolling & drawing	314.03	328.78	298.99	39.6	41.2	41.7	7.93	7.98	7.17
Nonferrous foundries	304.59	305.72	287.19	42.9	43.8	42.8	7.10	6.98	6.71
Other primary metal products	310.23	321.06	312.74	40.5	42.3	42.9	7.66	7.59	7.29
Fabricated metal prods., incl. ordn.	305.12	295.77	288.23	40.2	39.7	41.0	7.59	7.45	7.03
Metal cans & shipping containers	327.64	342.59	376.36	38.5	40.4	47.4	8.51	8.48	7.94
Cutlery, hand tools & hardware	247.38	247.25	219.44	39.9	40.6	37.9	6.20	6.09	5.79
Plumbing & heating exc. electrical	288.64	272.92	260.21	40.2	39.1	41.5	7.18	6.98	6.27
Fabricated structural metal prods.	300.51	285.48	269.47	40.5	39.0	40.4	7.42	7.32	6.67
Fabricated struct. metal	295.95	279.62	275.44	35.7	34.1	36.1	8.29	8.20	7.63
Fab. plate work (boiler shops)	305.44	288.22	287.05	41.5	39.7	43.1	7.36	7.26	6.66
Other fab. struct. metal prods.	299.06	286.34	255.64	42.3	41.2	41.1	7.07	6.95	6.22
Screw machine products, bolts, etc.	296.46	297.84	267.24	40.5	40.8	40.8	7.32	7.30	6.55
Metal forgings & stampings	369.72	340.36	362.09	40.1	38.2	42.3	9.22	8.91	8.56
Iron & steel forgings	308.33	318.48	299.84	40.2	41.2	41.3	7.67	7.73	7.26
Other metal forgings & stampings	392.18	348.00	383.40	40.1	37.1	42.6	9.78	9.38	9.00
Metal services & ordnance, n.e.c.	276.71	281.40	249.74	39.7	41.2	38.6	6.97	6.83	6.47
Misc. fabricated metal products	285.53	284.61	272.14	40.5	40.6	40.8	7.05	7.01	6.67
Valves & pipe fittings	288.95	287.92	271.61	40.3	40.1	40.6	7.17	7.18	6.69
Other misc. fab. metal products	282.58	281.80	273.06	40.6	40.9	41.0	6.96	6.89	6.66
Machinery, exc. electrical	332.86	331.14	303.47	41.4	41.6	41.8	8.04	7.96	7.26
Engines & turbines	356.10	365.94	261.93	41.6	42.7	37.1	8.56	8.57	7.06
Farm & garden machinery	433.73	461.78	380.90	45.8	49.6	47.2	9.47	9.31	8.07
Construction & related machinery	320.12	333.38	319.07	38.2	39.5	41.6	8.38	8.44	7.67
Construction machinery	308.69	341.10	337.45	35.4	37.9	42.5	8.72	9.00	7.94
Conveyors & conveying equipment	310.71	303.16	246.91	40.3	40.1	38.4	7.71	7.56	6.43
Other constr. & related mach.	331.25	331.30	312.64	40.2	40.7	41.3	8.24	8.14	7.57
Metal working machinery	330.00	317.60	305.66	40.0	39.7	40.7	8.25	8.00	7.51
Special industry machinery	317.95	318.59	278.00	41.4	41.7	40.0	7.68	7.64	6.95
General industrial machinery	356.16	343.30	318.43	44.8	43.9	43.8	7.95	7.82	7.27
Pumps & pumping equipment	318.38	315.62	295.60	40.2	39.7	41.4	7.92	7.95	7.14
Ball & roller bearings	335.30	304.52	306.25	41.6	39.6	42.3	8.06	7.69	7.24
Air & gas compressors	424.45	405.31	347.48	51.2	50.6	47.6	8.29	8.01	7.30
Industrial furnaces & ovens	316.80	301.85	289.20	39.6	38.6	39.4	8.00	7.82	7.34
Other general industrial mach.	357.56	352.30	324.69	45.9	45.4	44.6	7.79	7.76	7.28
Office and computing machines	369.56	369.28	344.10	41.9	42.3	44.4	8.82	8.73	7.75
Refrigeration & serv. ind. mach.	272.40	266.90	235.13	40.0	39.6	38.8	6.81	6.74	6.06
Misc. machinery, exc. electrical	312.91	314.25	294.72	41.5	41.9	42.9	7.54	7.50	6.87

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.) Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
Electric & electronic equipment	$278.39	$286.34	$261.55	39.6	40.5	40.3	$7.03	$7.07	$6.49
Electric distributing equipment	332.91	341.54	311.54	40.5	41.1	41.1	8.22	8.31	7.58
Transformers	294.40	318.34	293.23	36.8	38.4	41.3	8.00	8.29	7.10
Switchgear & switchbrd apparatus	352.77	353.60	320.62	42.4	42.5	41.0	8.32	8.32	7.82
Electrical industrial apparatus	276.83	275.97	266.93	39.1	39.2	39.9	7.08	7.04	6.69
Household appliances	270.40	256.70	252.83	40.0	38.2	38.6	6.76	6.72	6.55
Electric lighting & wiring equip.	265.28	289.33	248.88	39.3	42.3	40.8	6.75	6.84	6.10
Current-carrying wiring devices	280.95	325.52	255.02	40.6	45.4	41.0	6.92	7.17	6.22
Other elect lght & wirng equip.	254.31	263.86	244.82	38.3	40.1	40.6	6.64	6.58	6.03
Communication equipment	322.91	310.78	295.65	42.6	41.0	40.5	7.58	7.58	7.30
Electronic components & access.	270.27	279.45	251.49	40.1	41.4	41.5	6.74	6.75	6.06
Semiconductors & related devices	331.30	350.20	320.16	40.6	42.5	43.5	8.16	8.24	7.36
Other electronic comp.& access.	239.00	244.58	221.68	39.9	40.9	40.6	5.99	5.98	5.46
Other electrical equip. & supplies	231.05	239.28	217.91	36.5	36.2	36.5	6.33	6.61	5.97
Transportation equipment	353.81	358.80	333.33	39.4	40.0	41.0	8.98	8.97	8.13
Motor vehicles & equipment	359.42	365.72	356.51	38.4	38.7	41.6	9.36	9.45	8.57
Motor vehicle parts & access.	367.05	369.02	357.86	38.8	38.6	42.4	9.46	9.56	8.44
Other motor vehicles & equip.	353.57	363.17	355.93	38.1	38.8	41.1	9.28	9.36	8.66
Aircraft & parts	347.62	368.16	308.91	40.8	41.6	40.7	8.52	8.85	7.59
Ship & boat building & repairing	371.97	358.68	305.16	40.3	39.2	40.1	9.23	9.15	7.61
Railroad equipment	366.66	364.98	330.51	38.8	39.5	39.3	9.45	9.24	8.41
Other transportation equipment	294.41	310.99	298.03	42.3	44.3	45.5	6.96	7.02	6.55
Instruments & related products	274.22	269.28	256.66	39.8	39.6	41.0	6.89	6.80	6.26
Measuring & controlling devices	298.87	294.35	280.11	41.8	41.4	42.7	7.15	7.11	6.56
Medical instruments & supplies	234.51	229.42	223.26	36.7	36.3	39.1	6.39	6.32	5.71
Other instruments & related prods.	255.94	250.65	237.84	38.2	38.8	38.8	6.70	6.46	6.13
Misc. manufacturing industries	266.12	267.70	255.91	40.2	39.6	39.8	6.62	6.76	6.43
TOTAL NONDURABLE GOODS	233.36	230.25	215.27	37.7	37.5	37.7	6.19	6.14	5.71
Food & kindred products	275.42	264.71	248.00	39.8	39.1	40.0	6.92	6.77	6.20
Meat products	281.52	257.79	264.35	40.8	39.0	42.5	6.90	6.61	6.22
Meat packing plants	312.91	290.94	297.46	38.3	37.3	42.8	8.17	7.80	6.95
Sausages & other prepared meats	308.94	269.97	288.86	38.0	34.7	40.8	8.13	7.78	7.08
Poultry dressing & processing	233.75	219.00	208.53	45.3	43.8	43.9	5.16	5.00	4.75
Dairy products	298.25	289.38	267.13	43.1	42.0	42.2	6.92	6.89	6.33
Fluid milk	299.01	307.15	260.00	42.9	43.2	41.6	6.97	7.11	6.25
Other dairy products	297.22	276.86	272.21	43.2	41.2	42.6	6.88	6.72	6.39
Preserved fruits & vegetables	198.33	220.95	197.65	33.0	36.4	36.2	6.01	6.07	5.46
Canned fruits & vegetables	181.83	185.49	163.62	34.7	36.3	36.2	5.24	5.11	4.52
Other preserved fruits & vegs.	209.85	249.34	225.16	31.7	36.4	36.2	6.62	6.85	6.22
Grain mill products	297.86	301.89	247.43	41.6	42.4	38.6	7.16	7.12	6.41
Bakery products	273.98	252.98	239.60	41.2	38.8	39.8	6.65	6.52	6.02
Bread, cake & related products	267.33	255.26	235.77	40.2	38.5	39.1	6.65	6.63	6.03
Cookies & crackers	289.28	248.61	247.39	43.5	39.4	41.5	6.65	6.31	5.99
Sugar & confectionery products	273.43	269.72	244.50	37.1	37.1	37.5	7.37	7.27	6.52
Confectionery products	216.02	221.79	204.28	33.7	34.6	34.8	6.41	6.41	5.87
Chocolate & cocoa products	296.77	298.58	272.57	39.1	39.6	40.5	7.59	7.54	6.73
Other sugar products	353.28	315.17	280.85	40.7	37.7	37.8	8.68	8.36	7.43
Beverages	351.29	339.49	319.79	40.8	41.2	42.3	8.61	8.24	7.56
Other food & kindred products	263.95	242.90	238.10	43.7	41.1	42.9	6.04	5.91	5.55
Tobacco manufacturers	165.56	165.89	147.42	37.8	38.4	37.8	4.38	4.32	3.90
Textile mill products	190.30	187.94	180.11	38.6	38.2	38.9	4.93	4.92	4.63
Weaving mills, snythetics	205.22	201.50	213.77	40.8	40.3	45.1	5.03	5.00	4.74
Knitting mills	184.42	182.12	167.93	38.5	38.1	37.4	4.79	4.78	4.49
Knit outerwear mills	182.21	180.12	164.05	38.2	38.0	36.7	4.77	4.74	4.47
Knit underwear mills	156.38	155.65	147.65	35.3	34.9	36.1	4.43	4.46	4.09
Other knitting mills	209.58	204.62	190.24	41.5	40.6	39.8	5.05	5.04	4.78
Floor covering mills	232.50	220.34	226.46	37.5	36.3	41.1	6.20	6.07	5.51
Yarn & thread mills	173.35	174.06	163.70	37.2	36.8	38.7	4.66	4.73	4.23
Other textile mill products	195.05	195.55	191.48	38.7	38.8	39.4	5.04	5.04	4.86

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
Apparel & other textile products	$150.94	$151.59	$139.54	32.6	32.6	32.3	$4.63	$4.65	$4.32
Men's & boys' suits & coats	209.07	204.57	185.50	37.4	36.4	35.0	5.59	5.62	5.30
Men's & boys' furnishings	154.94	155.49	142.96	35.7	35.5	34.7	4.34	4.38	4.12
Men's & boys' shirts & nightwear	150.66	152.86	140.88	35.2	34.9	34.7	4.28	4.38	4.06
Men's & boys' separate trousers	177.80	172.34	144.76	35.0	34.4	30.8	5.08	5.01	4.70
Other furnishings & wrk. clothng	144.57	147.13	143.58	36.6	36.6	37.1	3.95	4.02	3.87
Women's & misses' outerwear	137.81	142.13	130.23	29.7	30.5	29.8	4.64	4.66	4.37
Women's & children's undergarments	124.50	127.44	130.13	31.6	32.1	34.7	3.94	3.97	3.75
Children's outerwear	143.15	135.65	128.43	30.2	28.8	33.1	4.74	4.71	3.88
Other apparel & textile products	152.69	149.98	134.53	35.1	34.4	33.3	4.35	4.36	4.04
Paper & allied products	304.48	309.81	289.45	44.0	44.9	44.6	6.92	6.90	6.49
Paper mills exc. building paper	400.32	413.82	368.54	48.0	49.5	47.8	8.34	8.36	7.71
Paper board containers & boxes	278.32	284.72	262.58	39.2	40.5	40.9	7.10	7.03	6.42
Corrugated & solid fiber boxes	278.59	283.14	266.88	37.8	39.0	38.4	7.37	7.26	6.95
Other paperboard containers	278.66	286.54	257.90	40.8	42.2	43.2	6.83	6.79	5.97
Other paper & allied products	272.97	272.83	272.96	45.8	45.7	46.5	5.96	5.97	5.87
Printing & publishing	278.98	271.57	254.54	37.0	36.6	35.8	7.54	7.42	7.11
Newspapers	294.67	292.82	269.10	33.6	33.2	33.1	8.77	8.82	8.13
Books	227.53	213.67	203.33	37.3	36.4	35.3	6.10	5.87	5.76
Commercial printing	294.91	286.50	274.14	38.5	38.2	37.4	7.66	7.50	7.33
Lithographing	275.64	274.02	263.87	37.4	37.9	36.7	7.37	7.23	7.19
Other commercial printing	314.82	299.15	283.86	39.7	38.5	38.0	7.93	7.77	7.47
Manifold business forms	291.40	294.23	271.54	39.7	39.6	37.3	7.34	7.43	7.28
Other printing & publishing	270.40	258.00	242.06	37.4	36.7	36.4	7.23	7.03	6.65
Chemicals & allied products	316.42	314.91	291.18	41.2	41.6	42.2	7.68	7.57	6.90
Industrial inorganic chemicals	340.77	340.89	315.20	43.3	44.1	44.9	7.87	7.73	7.02
Plastic materials & synthetics	318.40	307.97	295.30	40.0	40.1	41.3	7.96	7.68	7.15
Drugs	311.38	307.28	272.22	38.3	38.7	39.0	8.13	7.94	6.98
Soap, cleaners & toilet goods	280.77	289.72	270.94	42.8	44.3	43.7	6.56	6.54	6.20
Paints & allied products	272.64	266.35	269.33	36.4	35.8	40.5	7.49	7.44	6.65
Other chemicals & allied products	322.81	325.46	301.15	43.8	44.1	43.9	7.37	7.38	6.86
Petroleum & coal products	425.70	437.14	393.68	41.9	42.4	43.5	10.16	10.31	9.05
Petroleum refining	445.05	456.04	412.04	41.4	41.8	43.1	10.75	10.91	9.56
Other petroleum & coal products	351.42	360.37	331.94	43.6	44.6	45.1	8.06	8.08	7.36
Rubber & misc. plastics products	231.47	232.62	231.42	39.1	38.9	39.9	5.92	5.98	5.80
Tires & inner tubes	332.07	330.34	346.09	40.3	39.8	44.2	8.24	8.30	7.83
Fabricated rubber products, nec	270.10	275.22	258.07	40.8	41.2	42.1	6.62	6.68	6.13
Other rubber & plastic prods., nec	207.28	205.82	196.22	38.6	38.4	38.4	5.37	5.36	5.11
Leather & leather products	174.54	173.16	152.66	39.4	39.0	37.6	4.43	4.44	4.06
Footwear, exc. rubber	162.05	158.25	142.01	38.4	37.5	36.6	4.22	4.22	3.88
Men's footwear, exc. athletic	179.08	183.04	154.05	40.7	41.6	39.4	4.40	4.40	3.91
Women's footwear, exc. athletic	152.89	154.95	135.55	37.2	37.7	35.3	4.11	4.11	3.84
Other footwear	149.74	131.14	133.47	36.7	32.3	34.4	4.08	4.06	3.88
Other leather & leather products	223.43	223.08	192.71	43.3	43.4	43.6	5.16	5.14	4.42
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	371.70	343.44	354.60	45.0	42.4	45.0	8.26	8.10	7.88
Bituminous coal & lignite mining	343.43	358.56	370.14	30.5	32.1	34.4	11.26	11.17	10.76
Nonmetallic minerals, exc. fuels	343.93	349.72	334.63	44.9	45.3	47.6	7.66	7.72	7.03
Communication	345.74	341.34	324.01	39.2	39.1	40.4	8.82	8.73	8.02
Electric, gas, & sanitary services	412.16	397.39	377.12	44.8	44.6	43.8	9.20	8.91	8.61
Electric services	442.56	411.11	390.93	48.0	47.2	46.1	9.22	8.71	8.48
Gas production & distribution	346.09	348.57	323.42	41.3	42.2	41.2	8.38	8.26	7.85
General merchandise stores	132.35	130.61	123.03	26.9	26.6	27.1	4.92	4.91	4.54
Banking	181.78	180.74	165.08	INA	INA	INA	INA	INA	INA
Insurance carriers	219.42	218.91	202.74	INA	INA	INA	INA	INA	INA
Life insurance	207.26	203.71	189.87	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	216.46	216.66	205.98	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	287.21	38.5	7.46	323.36	39.1	8.27	233.36	37.7	6.19	381.96	36.0	10.61

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	305.12	40.2	7.59	332.86	41.4	8.04	278.39	39.6	7.03	353.81	40.0	8.98

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	275.42	39.8	6.92	190.30	38.6	4.93	150.94	32.6	4.63	278.98	37.0	7.54

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
MANUFACTURING	968.5	983.3	996.1	37,324.0	38,158.1	39,589.2	278,508.0	283,694.1	272,490.2
DURABLE GOODS	583.6	593.5	605.8	22,824.9	23,527.6	24,871.2	188,724.5	193,822.9	188,410.6
NONDUR. GOODS	384.9	389.8	390.3	14,499.1	14,630.5	14,718.0	89,783.5	89,871.2	84,079.6

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,366.7	826.7	21.8	19.2	61.0	193.4	112.5	145.0

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	125.0	81.5	42.6	24.7	524.8	97.4	3.1	46.5

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TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.3	55.6	43.3	74.2	62.4	16.8	38.3	17.5

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)
1967 = 100

Industry Group	1980		1979	1978	ANNUAL AVERAGE	
	May	Apr.	May	May	1979	1978
EMPLOYMENT						
All Manufacturing	86.8	87.8	89.4	87.7	89.3	87.9
Primary Metals	75.5	77.0	79.0	77.1	79.3	77.7
Apparel	69.8	70.7	73.2	75.8	71.7	75.3
All Nonmanufacturing	133.2	132.1	132.9	129.7	131.8	128.5
Construction	113.6	108.0	115.6	111.5	113.4	109.6
Retail Trade	129.9	128.3	132.0	131.7	130.9	131.0
Services	163.5	161.8	157.0	148.7	157.1	148.1
Government	128.7	128.4	130.6	130.5	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

APRIL 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	1,366.7	2.5	2.7	2.9	1.3	1.4	1.7	1.0	1.0	0.9
ALLENTOWN-BETHLEHEM-EASTON	111.5	2.0	2.3	2.8	1.2	1.4	1.8	0.6	0.7	0.9
ALTOONA	13.4	2.1	3.4	1.9	1.5	2.1	1.0	0.5	1.2	0.7
ERIE	42.4	2.5	2.2	2.8	0.9	1.3	1.6	1.1	0.5	0.6
HARRISBURG	42.8	2.5	2.8	2.7	1.5	1.8	2.1	0.9	0.8	0.5
JOHNSTOWN	19.3	3.0	1.9	3.5	0.6	0.4	1.3	1.9	1.2	2.1
LANCASTER	59.8	2.5	2.3	3.1	1.8	1.9	2.5	0.7	0.4	0.5
NORTHEAST	74.6	3.3	3.7	2.8	1.4	1.9	1.4	1.6	1.5	1.2
SCRANTON	28.6	2.9	3.3	2.1	1.0	1.9	1.3	1.8	1.4	0.7
WILKES-BARRE-HAZLETON	40.5	3.8	3.8	2.9	1.5	1.7	1.3	2.0	1.7	1.3
PHILADELPHIA	451.3	2.7	3.0	2.7	1.6	1.8	1.9	0.9	1.0	0.7
PITTSBURGH	249.2	2.1	2.2	2.2	0.8	0.7	1.0	1.0	1.1	0.9
READING	53.0	2.6	2.1	3.1	1.6	1.4	2.2	0.9	0.7	0.8
WILLIAMSPORT	15.1	2.2	1.4	2.1	1.5	0.8	1.6	0.5	0.3	0.4
YORK	66.3	2.4	2.9	3.4	1.6	2.0	2.9	0.7	0.8	0.5

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	1,366.7	3.3	3.0	2.8	0.8	0.9	1.1	1.8	1.4	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.5	3.0	2.3	2.5	0.8	0.9	1.0	1.7	0.8	1.0
ALTOONA	13.4	1.4	4.6	1.9	0.6	0.9	0.8	0.6	2.6	0.9
ERIE	42.4	3.5	2.8	2.5	0.6	0.7	1.0	1.9	1.1	0.6
HARRISBURG	42.8	4.3	2.7	3.2	1.2	1.2	1.3	2.5	0.9	1.5
JOHNSTOWN	19.3	3.2	4.4	2.4	0.5	0.5	0.8	2.1	2.5	0.8
LANCASTER	59.8	3.1	3.0	3.3	1.2	1.5	1.9	1.3	1.0	1.0
NORTHEAST	74.6	3.4	3.0	3.6	0.9	1.0	1.2	1.9	1.4	2.0
SCRANTON	28.6	3.3	2.9	4.7	0.9	1.0	1.3	2.0	1.7	2.9
WILKES-BARRE-HAZLETON	40.5	3.4	2.9	2.6	1.0	1.0	1.1	1.9	1.2	1.2
PHILADELPHIA	451.3	3.4	3.1	2.9	1.0	0.9	1.1	1.7	1.4	1.2
PITTSBURGH	249.2	3.1	2.6	2.0	0.4	0.4	0.5	2.0	1.3	0.9
READING	53.0	4.0	3.5	3.5	1.0	1.1	1.5	2.4	1.8	1.4
WILLIAMSPORT	15.1	1.7	4.5	3.2	0.4	0.5	0.9	0.9	3.6	1.0
YORK	66.3	3.3	3.1	3.6	1.2	1.3	2.1	1.6	1.2	0.9

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
PENNSYLVANIA	$287.21	$288.28	$273.14	38.5	38.8	39.7	$7.46	$7.43	$6.88
ALLENTOWN-BETHLEHEM-EASTON	297.96	296.06	265.17	38.2	38.6	37.4	7.80	7.67	7.09
ALTOONA	260.96	249.83	235.42	39.6	38.2	39.7	6.59	6.54	5.93
ERIE	307.57	302.94	276.34	40.9	40.5	41.0	7.52	5.48	6.74
HARRISBURG	281.00	282.40	258.85	40.2	40.4	40.7	6.99	6.99	6.36
JOHNSTOWN	307.56	307.10	292.00	37.1	37.0	39.3	8.29	8.30	7.43
LANCASTER	260.80	259.10	244.80	40.0	39.8	40.8	6.52	6.51	6.00
NORTHEAST	208.99	207.52	192.03	36.6	36.6	36.3	5.71	5.67	5.29
SCRANTON	197.53	204.37	187.04	35.4	36.3	35.9	5.58	5.63	5.21
WILKES-BARRE-HAZLETON	211.81	208.46	194.38	36.9	36.7	36.4	5.74	5.68	5.34
PHILADELPHIA	297.40	293.53	277.49	39.6	39.4	40.1	7.51	7.45	6.92
PITTSBURGH	353.05	364.00	342.31	38.5	40.0	40.8	9.17	9.10	8.39
READING	267.50	268.23	237.25	38.6	39.1	37.9	6.93	6.86	6.26
WILLIAMSPORT	253.06	256.19	240.34	38.4	38.7	39.4	6.59	6.62	6.10
YORK	259.52	269.18	250.71	39.5	40.6	41.1	6.57	6.63	6.10

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	May 1980		Apr. 1980		May 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.0	7.8	6.6	7.0	5.2	5.8
PENNSYLVANIA	7.2	8.3	7.3	7.7	5.6	6.8
ALLENTOWN-BETH-EASTON	6.3	7.3	5.8	6.1	5.3	6.1
ALTOONA	8.1	9.4	8.5	8.8	7.3	8.5
ERIE	8.8	9.9	8.4	8.6	6.2	7.1
HARRISBURG	5.4	6.3	5.5	6.0	4.0	4.8
JOHNSTOWN	10.7	13.2	10.8	12.2	6.6	8.1
LANCASTER	5.4	6.3	4.9	5.1	3.7	4.3
NORTHEAST	9.0	10.8	9.3	9.9	6.8	8.3
SCRANTON	8.4	10.2	8.3	8.3	6.6	8.0
W BARRE-HAZLETON	9.6	11.4	9.9	10.7	7.1	8.4
PHILADELPHIA	6.7	7.5	6.3	6.7	6.2	6.9
PITTSBURGH	6.5	7.8	6.4	6.8	4.8	5.8
POTTSVILLE	9.9	-	9.9	-	6.7	-
READING	7.7	8.4	7.3	7.0	4.8	5.3
UNIONTOWN-CONNELLSVLE	9.6	-	12.0	-	6.5	-
WILLIAMSPORT	13.4	15.9	15.1	15.1	7.4	8.9
YORK	6.3	7.4	6.1	6.5	4.3	5.0

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	104,028.0	103,412.0	101,473.0	96,709.0	96,566.0	96,222.0	7,318.0	6,846.0	5.253.0
PENNSYLVANIA	5,301.0	5,321.0	5,209.0	4,919.0	4,933.0	4,915.0	382.0	388.0	294.0
ALLENTOWN-BETH-EASTON	298.5	297.6	289.9	279.8	280.3	274.6	18.8	17.3	15.3
ALTOONA	59.4	59.5	56.7	54.6	54.4	52.6	4.8	5.1	4.1
ERIE	126.5	126.7	123.6	115.4	116.1	115.9	11.1	10.6	7.7
HARRISBURG	216.8	217.6	214.5	205.1	205.7	205.8	11.7	11.9	8.7
JOHNSTOWN	109.6	110.1	106.7	97.8	98.2	99.7	11.8	11.9	7.0
LANCASTER	176.3	176.9	173.3	166.8	168.3	166.9	9.5	8.6	6.4
NORTHEAST	282.1	284.2	276.9	256.7	257.8	257.9	25.4	26.4	19.0
SCRANTON	103.4	103.7	101.9	94.7	95.1	95.2	8.7	8.6	6.8
W BARRE-HAZLETON	152.4	153.5	149.0	137.8	138.4	138.5	14.6	15.2	10.5
PHILADELPHIA	2,122.7	2,123.3	2,079.1	1,980.0	1,989.0	1,950.0	142.8	134.3	129.2
PITTSBURGH	1,004.2	1,005.5	992.0	939.1	941.3	944.5	65.1	64.2	47.5
POTTSVILLE	65.4	66.5	65.5	59.0	59.9	61.2	6.5	6.6	4.4
READING	152.4	153.3	148.6	140.6	142.2	141.4	11.8	11.1	7.2
UNIONTOWN-CONNELLSVLE	56.1	58.9	58.2	50.7	51.8	54.4	5.4	7.1	3.8
WILLIAMSPORT	52.3	53.1	51.7	45.3	45.0	47.9	7.0	8.0	3.8
YORK	171.4	172.0	169.2	160.6	161.5	162.0	10.8	10.5	7.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	90,328.0	90,508.0	89,398.0	74,302.0	74,433.0	73,800.0
PENNSYLVANIA	4,835.5	4,820.2	4,873.8	4,100.6	4,088.4	4,122.0
ALLENTOWN-BETHLEHEM-EASTON	265.2	264.2	263.0	235.4	234.6	232.8
ALTOONA	54.5	54.0	53.0	46.4	46.1	45.4
ERIE	116.7	116.9	118.6	101.8	102.1	102.8
HARRISBURG	217.1	216.4	220.3	161.1	160.5	163.3
JOHNSTOWN	89.4	89.3	92.2	74.3	74.3	76.6
LANCASTER	151.8	152.9	154.0	136.3	137.6	138.3
NORTHEAST	243.8	243.5	248.0	203.3	202.6	207.7
SCRANTON	86.5	86.9	86.8	74.7	74.6	75.0
WILKES-BARRE-HAZLETON	127.2	126.7	131.7	106.5	106.1	111.4
PHILADELPHIA	1,944.1	1,941.3	1,934.8	1,635.2	1,635.7	1,628.1
PITTSBURGH	952.5	949.7	968.3	821.6	818.8	840.1
POTTSVILLE	47.7	48.2	49.9	39.1	39.3	41.4
READING	138.2	139.2	140.3	120.2	121.4	122.0
UNIONTOWN-CONNELLSVILLE	35.0	35.6	37.9	27.7	28.3	30.7
WILLIAMSPORT	45.8	45.3	49.0	39.4	38.9	42.4
YORK	155.5	155.7	158.6	135.8	136.6	137.3

Area	Manufacturing			Nonmanufacturing		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	20,328.0	20,603.0	21,059.0	70,000.0	69,905.0	68,339.0
PENNSYLVANIA	1,351.5	1,366.7	1,392.2	3,479.0	3,449.9	3,470.8
ALLENTOWN-BETHLEHEM-EASTON	110.8	111.5	109.6	154.4	152.7	153.1
ALTOONA	13.3	13.4	13.0	41.0	40.6	39.9
ERIE	41.9	42.4	44.5	74.5	74.2	73.1
HARRISBURG	42.6	42.8	42.9	174.4	173.5	177.1
JOHNSTOWN	19.6	19.3	20.7	69.8	70.0	71.4
LANCASTER	58.7	59.8	60.1	93.1	93.1	93.8
NORTHEAST	73.4	74.6	74.6	170.1	168.3	173.2
SCRANTON	28.2	28.6	28.0	58.3	57.8	58.8
WILKES-BARRE-HAZLETON	40.0	40.5	41.9	86.9	86.1	89.8
PHILADELPHIA	447.8	451.3	455.1	1,494.4	1,489.1	1,476.0
PITTSBURGH	247.7	249.2	255.8	703.5	699.1	711.0
POTTSVILLE	19.6	20.0	21.4	28.1	28.2	28.5
READING	51.6	53.0	53.5	86.5	86.2	85.4
UNIONTOWN-CONNELLSVILLE	7.1	7.6	8.3	27.9	28.0	29.6
WILLIAMSPORT	15.5	15.1	18.6	30.3	30.2	30.4
YORK	65.0	66.3	65.1	90.2	89.4	91.7

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980																								
Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.3	2.0	1.2	3.4	1.3	1.5	3.1	1.7	1.2	3.5	1.1	1.9	3.9	2.6	1.1	3.5	1.9	1.0	4.4	2.4	1.7	4.5	1.8	1.9
Apr.	3.2	1.7	1.3	3.5	1.2	1.8	3.4	1.5	1.8	4.0	0.9	2.5	3.1	2.3	0.7	4.5	1.6	2.3	4.2	2.1	1.8	4.2	1.5	2.0

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	-	1.5	0.3	1.1
1980																								
Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	2.9	1.6	1.2	4.0	1.0	1.8	2.9	1.8	1.0	2.1	0.9	0.6	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1
Apr.	2.7	0.9	1.6	2.7	0.7	1.4	2.5	1.8	0.7	2.5	1.2	0.9	1.4	1.0	0.2	1.4	0.5	0.5	1.0	0.9	-	0.5	0.2	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan.	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb.	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.6
Mar.	2.6	1.2	0.9	4.1	1.0	2.3	7.0	5.5	1.4	7.0	3.8	2.6
Apr.	3.5	1.3	1.8	5.1	1.0	3.2	9.3	5.1	1.3	6.4	4.0	1.6

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	3.9	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar.	2.7	1.4	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	4.0	2.5	1.4	3.6	1.6	1.4	2.5	0.9	1.5	2.4	0.5	1.5
Apr.	2.5	1.3	1.0	3.3	0.8	1.8	2.1	1.0	0.8	3.1	0.6	1.9	2.8	2.1	0.6	3.9	2.0	1.3	2.5	0.8	1.6	3.9	0.5	2.8

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.1	2.2	0.3	1.1	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.9	0.7	0.5	2.2	1.2	0.5	3.0	0.7	1.2
Apr.	2.0	0.5	1.1	3.0	0.3	2.0	2.2	1.0	1.1	5.0	0.6	3.7	1.4	1.1	0.2	1.6	0.6	0.5	2.0	1.2	0.4	2.9	0.6	1.4

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.1	0.8	0.8	3.9	0.4	2.4	1.8	1.5	0.1	2.1	0.6	1.0	2.6	1.5	1.0	2.3	0.7	1.1
Apr.	2.1	0.7	0.9	3.3	0.4	2.0	1.5	1.2	0.2	1.9	0.6	0.7	3.8	2.8	0.7	3.9	0.9	2.1

H = Negligible

Released June 1, 1980

PENNSYLVANIA LABOR SURPLUS AREAS ELIGIBLE FOR FEDERAL PROCUREMENT PREFERENCE FROM JUNE 1, 1980 THROUGH MAY 31, 1981

Counties

Armstrong County
Bedford County
Cambria County
Cameron County
Carbon County
Clearfield County
Clinton County
Columbia County
Crawford County
Elk County
Fayette County
Fulton County
Greene County
Huntingdon County
Jefferson County
Juniata County
Lycoming County
Mifflin County
Monroe County
Northumberland County
Pike County
Potter County
Schuylkill County
Somerset County
Sullivan County
Susquehanna County
Tioga County
Wayne County
Westmoreland County
Wyoming County

Balance of Counties

Balance of Blair County - Blair County less Altoona City

Balance of Lackawanna County - Lackawanna County less Scranton City

Balance of Luzerne County - Luzerne County less Wilkes-Barre City

Cities and Townships

Altoona City - in Blair County
Bristol Township - in Bucks County
Chester City - in Delaware County
Erie City - in Erie County
Philadelphia City - in Philadelphia County
Pittsburgh City - in Allegheny County
Reading City - in Berks County
Scranton City - in Lackawanna County
Wilkes-Barre City - in Luzerne County

The above areas have been classified by the U. S. Department of Labor as labor surplus areas for purposes of Defense Manpower Policy No. 4B (DMP-4B) and Executive Orders 12073 and 10582 (implementing the Buy American Act). Employers in such designated areas are eligible for preference in bidding on Federal procurement contracts under these Acts or Orders.

To be classified as a labor surplus area a city or township must have (1) a population of 50,000 or more in 1970 Census or in any official annual updates of census estimates and (2) have an unemployment rate of 1.2 times the national average during the reference period. Counties or balances of counties (counties less areas of 50,000 population), regardless of population size, that have unemployment rates of 1.2 times the national average during the reference period are also classified as labor surplus areas. The reference period will be an average of the previous two calendar years.

List will be revised and published in June of each year.

COMMONWEALTH OF PENNSYLVANIA

Prepared by
Labor Market Information Section
Research & Statistics
DEPARTMENT OF LABOR AND INDUSTRY

OFFICE OF EMPLOYMENT SECURITY

8/8/80

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JULY 1980
Vol. XXV No. 7

JOB SERVICE

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics, is producing 1976-1982 Occupational Nonagriculture Employment Projections for the state and its twelve Standard Metropolitan Statistical Areas (SMSAs). The state projections are currently available and will be followed soon by the SMSA projections. If you wish to obtain a copy of this publication for any of the areas listed, place a check mark after the appropriate area and complete the address form provided.

Organization (or Individual) _____

Attn: (Dept.) _____

Address: _____

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Altoona SMSA	____	Pittsburgh SMSA	____
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Department of Labor and Industry
Office of Employment Security
R & S - Occupational Employment Statistics
Section
Room 1225, Labor and Industry Building
Harrisburg, PA 17121

Issued: July 1980 Reference: Mid-June

PENNSYLVANIA EMPLOYMENT & EARNINGS
JUNE 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, contracted in June although unadjusted unemployment expanded.

Seasonally adjusted, the volume of unemployment was estimated at 409,000 in June, down 37,000 from May. The rate of unemployment was 7.7 percent in June, down from 8.3 percent in May. Although the June decline was welcome, it may be only a brief respite from the pronounced increase of previous months. The entire drop in June can be attributed to less than the normal number of unemployed entrants to the labor force. Especially conspicuous was the unusually low number of high school and college graduates entering the labor force. Less than half of the anticipated number appeared. Current unemployment, however, is still substantially higher than one year ago when seasonally adjusted unemployment was 358,000 and the rate was 6.8 percent.

The unadjusted rate of unemployment jumped to 8.0 percent in June from the May rate of 7.2 percent. The unadjusted volume of unemployment swelled by 51,000 to stand at 433,000 in June. One year ago, unemployment numbered 383,000, and the unadjusted unemployment rate was 7.2 percent.

Nationwide, the June seasonally adjusted rate was 7.7 percent of the civilian labor force, down fractionally from 7.8 percent in May. The unadjusted rate was 7.8 percent in June, up sharply from 7.0 percent in May.

FACTORY JOBS PORTEND A SLOWING ECONOMY

A substantial weakening in the state's economy was in evidence during June if measured by the strength of non-agricultural wage and salary jobs. Although the drop was slight - a loss of 3,300 jobs to bring the total to 4,831,100 - a more serious situation emerges when manufacturing job data are reviewed. Standing alone, factory losses totaling 5,400 does not appear to be so drastic until comparison is made with better times when manufacturing industries would ordinarily be taking on three times this number during the early summer season. Nondurable industries appeared to firm up during the month with a better than 4,000 job boost. FOOD, APPAREL and PETROLEUM managed to eke out a few more positions but an erratic line of ups and downs ran among the remaining industries.

Durables suffered a severe cutback. Typically escalating at this time of the year - by 10,000 or more - jobs in these industries continued to erode - for the third consecutive month - losing 9,500 positions from May to June. Metal industries showed a particularly disquieting environment - PRIMARY down 6,500 and FABRICATED off another 1,500 jobs. The TRANSPORTATION EQUIPMENT industry, however, appears to have stabilized for the present after some rather significant losses during recent months.

Over the twelve month period, manufacturing industries revealed sizeable cutbacks, Nondurables whittling down nearly 15,000 jobs and Durables, a staggering 51,500.

Factory manhours continued to fall off. Dropping a tenth of an hour in June, the stronger effect, again, was among durable industries. The manufacturing workweek averaged 38.5 hours for more than 959,000 production workers. Manhours showed an erratic pattern among the twenty industries, ranging from increases of nearly an hour in PETROLEUM to dips of approximately a half hour in LEATHER and CHEMICALS.

Over the year, economic conditions drained off 1.6 production hours in Pennsylvania factories.

Nationwide, the factory workweek stood at 39.4, a slight improvement of one-tenth an hour over May.

Average hourly rates showed little change across the manufacturing spectrum. INSTRUMENTS gained twelve cents and APPAREL, ten - the remaining industries see-sawed around by a few pennies. Overall average factory rates stood still - at $7.48 for May and June.

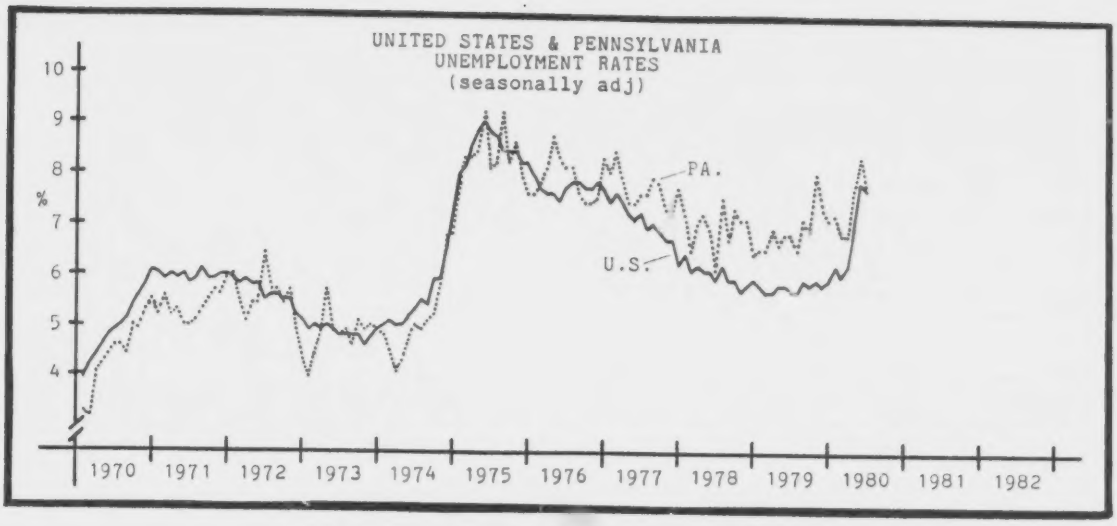
For the nation, the average hourly rate advanced five cents to $7.18.

NONMANUFACTURING JOBS SLOWLY DWINDLE

Nonmanufacturing jobs moved up a bit in June albeit the rise did not seem to suggest a promising job outlook. Construction found a place in the sun this month, placing 5,500 jobs at a time when many other industries were struggling to keep their heads above water. Increases in local government positions, although nearly offset by a drain on jobs at the state level, produced, nevertheless, a net increase of 5,300 in total GOVERNMENT employment.

RETAIL TRADE pulled back 5,800 jobs and SERVICES, showing the first loss in five months, cut 2,800. TRANSPORTATION was down and PUBLIC UTILITIES, reflecting a labor-management dispute, ended with a minus 2,400.

Nonmanufacturing jobs were off 14,000 compared with last June. RETAIL TRADE and TRANSPORTATION posted the greatest deficits, with -22,800 and -11,700, respectively, more than countering gains in SERVICES and GOVERNMENT.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Jun.	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul.	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug.	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep.	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov.	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec.	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan.	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb.	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar.	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr.	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8
Jun.	5,396.0	4,963.0	433.0	8.0	7.7	106,067.0	97,776.0	8,291.0	7.8	7.7

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From–	
	Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
TOTAL CIVILIAN LABOR FORCE	5,396.0	5,301.0	5,333.0	95.0	63.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	433.0	382.0	383.0	51.0	50.0
% CIVILIAN LABOR FORCE	8.0	7.2	7.2	0.8	0.8
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	409.0	446.0	358.0	-37.0	51.0
% CIVILIAN LABOR FORCE	7.7	8.3	6.8	-0.6	0.9
TOTAL EMPLOYMENT	4,963.0	4,919.0	4,950.0	44.0	13.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From–	
	Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,837.8	4,839.5	4,921.5	-1.7	-83.7
LABOR-MANAGEMENT DISPUTES	6.7	5.1	10.2	1.6	-3.5
ALL MANUFACTURING INDUSTRIES	1,343.6	1,349.0	1,409.8	-5.4	-66.2
TOTAL NONMANUFACTURING INDUSTRIES	3,487.5	3,485.4	3,501.5	2.1	-14.0
Mining	49.0	48.8	52.7	0.2	-3.7
Anthracite	3.2	3.2	3.1	0.0	0.1
Bituminous	36.5	36.5	40.6	0.0	-4.1
Nonmetallic minerals	5.0	4.9	5.1	0.1	-0.1
Contract Construction	211.5	206.0	218.3	5.5	-6.8
General building	56.3	54.6	63.2	1.7	-6.9
Heavy construction	35.2	33.6	38.7	1.6	-3.5
Special trades	120.0	117.8	116.4	2.2	3.6
Transportation	161.5	163.4	173.2	-1.9	-11.7
Railroads	43.3	43.3	45.4	0.0	-2.1
Public Utilities	101.7 *	104.1	104.2	-2.4	-2.5
Communications	54.5	54.5	54.4	0.0	0.1
Electric, gas & sanitary service	47.2	49.6	49.8	-2.4	-2.6
Electric systems	21.8	23.8	23.4	-2.0	-1.6
Gas production	11.1	11.6	11.8	-0.5	-0.7
Wholesale trade	240.0	238.3	240.6	1.7	-0.6
Retail trade	738.4	744.2	761.2	-5.8	-22.8
General merchandise stores	114.4	116.1	122.7	-1.7	-8.3
Department stores	100.0	101.8	107.8	-1.8	-7.8
Finance, insurance & real estate	243.4	241.1	238.4	2.3	5.0
Banking	80.7	79.3	78.0	1.4	2.7
Commercial & stock savings	74.1	73.0	72.0	1.1	2.1
Credit agencies & securities	30.0	29.9	29.7	0.1	0.3
Insurance	71.1	70.7	69.3	0.4	1.8
Life insurance	26.5	26.3	26.4	0.2	0.1
Fire, marine & casualty	29.9	29.7	28.7	0.2	1.2
Services	997.1	999.9	977.1	-2.8	20.0
Business services	130.3	128.5	125.1	1.8	5.2
Health services	311.8	307.7	306.3	4.1	5.5
Nursing & personal care	51.7	51.0	50.1	0.7	1.6
Hospitals	192.3	189.1	185.9	3.2	6.4
Educational service	130.9	148.3	122.4	-17.4	8.5
Miscellaneous services	46.1	45.9	45.0	0.2	1.1
Engineering & architectural	29.5	29.0	28.8	0.5	0.7
Government	744.9	739.6	735.8	5.3	9.1
Federal	146.1	145.5	132.9	0.6	13.2
State & local	598.8	594.1	602.9	4.7	-4.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,834.4	4,094.8	1,349.0	3,485.4	48.8	206.0	982.5	238.3	744.2
Jun.	4,831.1	4,086.2	1,343.6	3,487.5	49.0	211.5	978.4	240.0	738.4

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	163.4	104.1	241.1	999.9	189.1	810.8	739.6	145.5	594.1
Jun.	161.5	101.7*	243.4	997.1	192.3	804.8	744.9	146.1	598.8

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

MAY 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
All Manufacturing	1,349.0	2.8	2.5	3.6	1.4	1.2	2.3	1.2	1.0	1.0
Durable Goods	824.4	2.5	2.0	3.2	1.0	1.0	2.0	1.2	0.8	0.9
Furniture & Fixtures	19.2	2.8	2.9	7.8	2.1	2.1	4.3	0.6	0.7	3.3
Stone, Clay & Glass Products	60.9	3.2	2.3	3.8	0.9	0.8	2.3	2.0	1.4	1.3
Primary Metal Industries	192.5	2.1	1.9	3.3	0.5	0.5	1.8	1.2	1.1	1.1
Fabricated Metal Products	112.7	3.0	2.3	3.8	1.1	1.1	2.4	1.7	1.1	1.1
Machinery, exc. Electrical	144.8	1.6	1.3	1.9	1.2	1.0	1.6	0.3	0.2	0.2
Electric & Electronic Equip.	124.2	2.4	2.0	2.9	0.9	1.1	1.8	0.9	0.5	0.6
Transportation Equipment	80.8	3.2	1.9	3.1	0.7	0.6	1.5	2.0	0.9	1.2
Instruments & Related Products	42.8	1.9	1.4	2.7	1.3	1.1	1.9	0.3	0.2	0.6
Miscellaneous Manufacturing	24.6	2.0	3.8	3.5	1.1	2.8	2.3	0.8	0.7	1.0
Nondurable Goods	524.6	3.1	3.2	4.1	2.1	1.7	2.7	1.1	1.3	1.1
Food & Kindred Products	97.5	3.4	3.3	5.0	2.6	1.6	3.4	1.6	1.7	1.3
Textile Mill Products	46.4	3.3	3.3	4.1	2.3	2.4	3.3	0.8	0.8	0.6
Apparel & Related Products	125.1	4.2	4.3	4.9	2.3	2.0	2.5	1.7	2.0	2.0
Paper & Allied Products	43.5	2.8	2.6	3.8	1.3	0.9	2.6	1.1	1.6	0.9
Printing & Publishing	74.0	2.4	2.5	2.7	1.6	1.8	2.2	0.7	0.7	0.5
Chemicals & Allied Products	62.5	1.9	1.3	2.2	1.2	0.9	1.7	0.5	0.3	0.4
Petroleum & Coal Products	16.8	2.9	1.6	2.4	1.9	0.9	1.6	0.9	0.7	0.4
Rubber & Plastics Products	38.2	2.6	2.4	4.8	1.4	0.9	3.2	0.9	1.1	1.2
Leather & Leather Products	17.5	5.3	8.8	7.9	4.7	4.9	5.8	0.4	1.5	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
All Manufacturing	1,349.0	4.2	3.4	2.8	0.8	0.8	1.2	2.7	2.0	0.9
Durable Goods	824.4	4.5	3.2	2.2	0.5	0.6	0.9	3.3	2.0	0.6
Furniture & Fixtures	19.2	4.5	3.9	6.9	1.2	1.7	2.2	1.9	1.6	3.2
Stone, Clay & Glass Products	60.9	3.6	3.7	1.9	0.4	0.5	0.8	2.6	2.6	0.6
Primary Metal Industries	192.5	6.0	2.9	1.6	0.3	0.3	0.5	5.1	2.0	0.4
Fabricated Metal Products	112.7	5.8	4.9	2.5	0.6	0.7	1.1	4.5	3.6	0.7
Machinery, exc. Electrical	144.8	2.1	1.6	1.5	0.6	0.6	0.8	1.0	0.5	0.2
Electric & Electronic Equip.	124.2	3.4	2.8	2.4	0.5	0.6	1.0	2.0	1.4	0.6
Transportation Equipment	80.8	5.2	5.0	2.5	0.3	0.4	0.6	4.0	3.8	0.9
Instruments & Related Products	42.8	2.4	1.7	2.0	0.7	0.5	0.9	1.2	0.7	0.5
Miscellaneous Manufacturing	24.6	4.6	4.9	2.2	1.1	1.0	1.1	3.2	3.1	0.3
Nondurable Goods	524.6	3.6	3.7	3.7	1.2	1.2	1.7	1.8	1.9	1.4
Food & Kindred Products	97.5	4.1	4.0	4.7	1.2	1.1	1.9	2.2	2.3	2.1
Textile Mill Products	46.4	3.6	4.8	4.0	1.5	1.7	2.6	1.5	2.5	0.9
Apparel & Related Products	125.1	5.2	4.4	5.2	1.5	1.5	1.9	2.9	2.3	2.6
Paper & Allied Products	43.5	2.8	3.2	2.5	0.8	0.8	1.2	1.5	1.8	0.8
Printing & Publishing	74.0	2.1	2.5	2.4	1.0	1.2	1.3	0.6	0.9	0.7
Chemicals & Allied Products	62.5	1.9	1.3	1.3	0.5	0.4	0.6	0.8	0.5	0.3
Petroleum & Coal Products	16.8	2.0	1.5	1.0	0.4	0.4	0.4	1.2	0.9	0.2
Rubber & Plastics Products	38.2	4.2	5.2	3.2	0.8	0.8	1.5	2.7	3.3	0.8
Leather & Leather Products	17.5	5.2	6.6	8.2	3.7	3.8	5.4	0.7	1.9	1.4

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,343.6	1,349.0	1,409.8	-5.4	-66.2
	TOTAL DURABLE GOODS	814.9	824.4	866.4	-9.5	-51.5
24	Lumber & wood products	21.4	21.9	23.2	-0.5	-1.8
243	Millwork, plywood & structural	6.6	6.9	7.3	-0.3	-0.7
	Other lumber & wood products	14.8	15.0	15.9	-0.2	-1.1
25	Furniture & fixtures	19.2	19.2	20.3	0.0	-1.1
251	Household furniture	9.0	9.0	9.7	0.0	-0.7
252	Office furniture	4.5	4.7	4.7	-0.2	-0.2
	Other furniture & fixtures	5.7	5.5	5.9	0.2	-0.2
32	Stone, clay & glass products	61.1	60.9	67.1	0.2	-6.0
322	Glass & glassware, pressed or blown	15.8	15.6	17.7	0.2	-1.9
3221	Glass containers	8.1	8.1	9.7	0.0	-1.6
3229	Other pressed or blown glass	7.7	7.5	8.0	0.2	-0.3
324	Hydraulic cement	3.1	2.9	3.7	0.2	-0.6
325	Structural clay products	6.1	6.2	7.0	-0.1	-0.9
326	Pottery & related products	4.8	4.8	5.3	0.0	-0.5
327	Concrete, gypsum & plaster products	8.9	8.7	9.2	0.2	-0.3
	Other stone, clay & glass products	22.4	22.7	24.2	-0.3	-1.8
33	Primary metal industries	186.0	192.5	207.1	-6.5	-21.1
331	Blast furnace & basic steel products	139.5	144.3	154.6	-4.8	-15.1
3312	Blast furnaces & steel mills	127.2	131.7	141.4	-4.5	-14.2
	Other basic steel products	12.3	12.6	13.2	-0.3	-0.9
332	Iron & steel foundries	19.2	19.9	20.6	-0.7	-1.4
3321	Gray iron foundries	7.4	7.8	8.1	-0.4	-0.7
3325	Steel foundries, n.e.c.	7.5	7.5	7.4	0.0	0.1
3322,4	Malleable iron & steel invest.	4.3	4.6	5.1	-0.3	-0.8
335	Nonferrous rolling & drawing	11.9	12.3	13.5	-0.4	-1.6
336	Nonferrous foundries	7.3	7.6	7.9	-0.3	-0.6
	Other primary metal products	8.1	8.4	10.5	-0.3	-2.4
34	Fabricated metal products,(incl. ordnance)	111.2	112.7	116.6	-1.5	-5.4
341	Metal cans & shipping containers	4.6	4.8	5.2	-0.2	-0.6
342	Cutlery, hand tools & hardware	7.1	7.3	7.9	-0.2	-0.8
343	Plumbing & heating exc. electrical	3.3	3.4	3.1	-0.1	0.2
344	Fabricated structural metal products	36.4	35.9	36.9	0.5	-0.5
3441	Fabricated structural metal	9.3	8.9	9.5	0.4	-0.2
3443	Fabricated plate work (boiler shops)	11.1	11.1	11.2	0.0	-0.1
	Other fabricated struct. metal products	16.0	15.9	16.2	0.1	-0.2
345	Screw machine products, bolts, etc.	8.5	8.9	9.2	-0.4	-0.7
346	Metal forgings & stampings	20.1	20.6	21.5	-0.5	-1.4
3462	Iron & steel forgings	6.3	6.5	6.4	-0.2	-0.1
	Other metal forgings & stampings	13.8	14.1	15.1	-0.3	-1.3
347,8	Metal services & ordnance, n.e.c.	7.9	8.1	8.3	-0.2	-0.4
349	Misc. fabricated metal products	23.3	23.7	24.5	-0.4	-1.2
3494	Valves & pipe fittings	11.1	11.1	11.0	0.0	0.1
	Other misc. fabricated metal products	12.2	12.6	13.5	-0.4	-1.3
35	Machinery, exc. electrical	144.4	144.8	144.6	-0.4	-0.2
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	5.0	4.9	4.5	0.1	0.5
353	Construction & related machinery	25.0	25.5	26.2	-0.5	-1.2
3531	Construction machinery	9.3	9.3	9.8	0.0	-0.5
3535	Conveyors & conveying equipment	3.1	3.3	3.5	-0.2	-0.4
	Other construction & related machinery	12.6	12.9	12.9	-0.3	-0.3
354	Metal working machinery	24.6	24.6	24.2	0.0	0.4
355	Special industry machinery	13.8	13.8	13.3	0.0	0.5
356	General industrial machinery	29.5	29.5	29.4	0.0	0.1
3561	Pumps & pumping equipment	3.8	3.8	4.0	0.0	-0.2
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.3	5.2	5.3	0.1	0.0
3567	Industrial furnaces & ovens	3.9	4.0	3.9	-0.1	0.0
	Other general industrial machinery	12.2	12.2	11.8	0.0	0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)

Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
357	Office and computing machines	13.1	13.0	12.9	0.1	0.2
358	Refrigeration & service industry machinery	11.3	11.4	11.7	-0.1	-0.4
359	Misc. machinery, exc. electrical	14.9	14.9	14.9	0.0	0.0
36	Electric & electronic equipment	123.7	124.2	128.3	-0.5	-4.6
361	Electric distributing equipment	18.2	18.1	20.3	0.1	-2.1
3612	Transformers	6.1	6.0	6.5	0.1	-0.4
3613	Switchgear & switchboard apparatus	12.1	12.1	13.8	0.0	-1.7
362	Electrical industrial apparatus	23.7	23.8	24.5	-0.1	-0.8
363	Household appliances	4.2	4.4	4.6	-0.2	-0.4
364	Electric lighting & wiring equipment	21.8	22.0	23.0	-0.2	-1.2
3643	Current-carrying wiring devices	11.7	11.5	11.5	0.2	0.2
	Other electric light & wiring equipment	10.1	10.5	11.5	-0.4	-1.4
366	Communication equipment	9.4	9.2	8.9	0.2	0.5
367	Electronic components & accessories	35.9	36.5	36.5	-0.6	-0.6
3674	Semiconductors & related devices	12.4	12.8	11.7	-0.4	0.7
	Other electronic components & accessories	23.5	23.7	24.8	-0.2	-1.3
	Other electrical equipment & supplies	10.5	10.2	10.5	0.3	0.0
37	Transportation equipment	80.8	80.8	88.4	0.0	-7.6
371	Motor vehicles & equipment	26.8	27.0	33.2	-0.2	-6.4
3714	Motor vehicle parts & accessories	11.1	10.7	12.9	0.4	-1.8
	Other motor vehicles & equipment	15.7	16.3	20.3	-0.6	-4.6
372	Aircraft & parts	11.2	10.3	11.7	0.9	-0.5
373	Ship & boat building & repairing	7.5	7.6	7.8	-0.1	-0.3
374	Railroad equipment	22.8	23.6	23.1	-0.8	-0.3
	Other transportation equipment	12.5	12.3	12.6	0.2	-0.1
38	Instruments & related products	42.7	42.8	43.7	-0.1	-1.0
382	Measuring & controlling devices	23.1	23.2	23.9	-0.1	-0.8
384	Medical instruments & supplies	11.6	11.6	12.0	0.0	-0.4
	Other instruments & related products	8.0	8.0	7.8	0.0	0.2
39	Miscellaneous manufacturing industries	24.4	24.6	27.1	-0.2	-2.7
	TOTAL NONDURABLE GOODS	528.7	524.6	543.4	4.1	-14.7
20	Food & kindred products	98.4	97.5	99.6	0.9	-1.2
201	Meat products	16.8	16.7	16.0	0.1	0.8
2011	Meat packing plants	5.2	5.2	5.0	0.0	0.2
2013	Sausages & other prepared meats	5.8	5.8	5.6	0.0	0.2
2016,7	Poultry dressing & processing	5.8	5.7	5.4	0.1	0.4
202	Dairy products	12.5	12.1	12.2	0.4	0.3
2026	Fluid milk	6.9	6.9	7.0	0.0	-0.1
	Other dairy products	5.6	5.2	5.2	0.4	0.4
203	Preserved fruits & vegetables	10.9	11.0	12.4	-0.1	-1.5
2033	Canned fruits & vegetables	4.2	4.4	5.0	-0.2	-0.8
	Other preserved fruits & vegetables	6.7	6.6	7.4	0.1	-0.7
204	Grain mill products	5.1	5.2	4.7	-0.1	0.4
205	Bakery products	19.8	19.9	19.8	-0.1	0.0
2051	Bread, cake & related products	14.8	14.8	15.2	0.0	-0.4
2052	Cookies & crackers	5.0	5.1	4.6	-0.1	0.4
206	Sugar & confectionery products	14.8	14.5	15.5	0.3	-0.7
2065	Confectionery products	5.7	5.8	6.0	-0.1	-0.3
2066	Chocolate & cocoa products	5.9	5.6	6.1	0.3	-0.2
	Other sugar products	3.2	3.1	3.4	0.1	-0.2
208	Beverages	10.0	9.8	10.2	0.2	-0.2
	Other food & kindred products	8.5	8.3	8.8	0.2	-0.3
21	Tobacco manufacturers	3.1	3.1	3.7	0.0	-0.6
22	Textile mill products	46.2	46.4	49.1	-0.2	-2.9
222	Weaving mills, snythetics	4.6	4.6	4.6	0.0	0.0
225	Knitting mills	24.7	24.5	24.6	0.2	0.1
2253	Knit outerwear mills	12.8	12.6	12.6	0.2	0.2
2254	Knit underwear mills	4.9	4.9	5.0	0.0	-0.1
	Other knitting mills	7.0	7.0	7.0	0.0	0.0
227	Floor covering mills	3.1	3.2	4.2	-0.1	-1.1
228	Yarn & thread mills	4.2	4.3	5.2	-0.1	-1.0
	Other textile mill products	9.6	9.8	10.5	-0.2	-0.9

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(conol.) Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
23	Apparel & other textile products	126.0	125.1	132.3	0.9	-6.3
231	Men's & boys' suits & coats	15.5	15.3	15.5	0.2	0.0
232	Men's & boys' furnishings	25.0	25.0	24.8	0.0	0.2
2321	Men's & boys' shirts & nightwear	8.8	8.7	9.2	0.1	-0.4
2327	Men's & boys' separate trousers	6.3	6.3	6.2	0.0	0.1
	Other furnishings and work clothing	9.9	10.0	9.4	-0.1	0.5
233	Women's & misses' outerwear	56.0	55.4	61.0	0.6	-5.0
234	Women's & children's undergarments	9.9	9.9	10.4	0.0	-0.5
236	Children's outerwear	7.4	7.3	7.8	0.1	-0.4
	Other apparel & textile products	12.2	12.2	12.8	0.0	-0.6
26	Paper & allied products	44.1	43.5	45.0	0.6	-0.9
262	Paper mills exc. building paper	12.5	12.3	12.5	0.2	0.0
265	Paper board containers & boxes	14.3	14.1	15.0	0.2	-0.7
2653	Corrugated & solid fiber boxes	7.5	7.5	7.9	0.0	-0.4
	Other paperboard containers	6.8	6.6	7.1	0.2	-0.3
	Other paper & allied products	17.3	17.1	17.5	0.2	-0.2
27	Printing & publishing	74.5	74.0	72.3	0.5	2.2
271	Newspapers	26.5	26.1	25.7	0.4	0.8
273	Books	8.1	8.3	7.8	-0.2	0.3
275	Commercial printing	21.3	21.2	20.7	0.1	0.6
2752	Lithographing	10.8	10.8	10.3	0.0	0.5
	Other commercial printing	10.5	10.4	10.4	0.1	0.1
276	Manifold business forms	3.7	3.7	3.8	0.0	-0.1
	Other printing & publishing	14.9	14.7	14.3	0.2	0.6
28	Chemicals & allied products	62.6	62.5	61.9	0.1	0.7
281	Industrial inorganic chemicals	11.7	11.4	11.1	0.3	0.6
282	Plastic materials & synthetics	8.8	8.8	8.9	0.0	-0.1
283	Drugs	17.9	18.1	17.2	-0.2	0.7
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.6	0.0	-0.2
	Other chemicals & allied products	16.6	16.6	16.9	0.0	-0.3
29	Petroleum & coal products	17.8	16.8	18.2	1.0	-0.4
291	Petroleum refining	13.7	13.0	13.8	0.7	-0.1
	Other petroleum & coal products	4.1	3.8	4.4	0.3	-0.3
30	Rubber & misc. plastics products	38.4	38.2	42.9	0.2	-4.5
301	Tires & inner tubes	5.3	5.8	8.2	-0.5	-2.9
306	Fabricated rubber products, nec	5.1	5.1	5.4	0.0	-0.3
	Other rubber & plastic products, nec	28.0	27.3	29.3	0.7	-1.3
31	Leather & leather products	17.6	17.5	18.4	0.1	-0.8
314	Footwear, exc. rubber	14.0	13.9	14.3	0.1	-0.3
3143	Men's footwear, exc. athletic	5.4	5.4	5.9	0.0	-0.5
3144	Women's footwear, exc. athletic	4.7	4.7	4.5	0.0	0.2
	Other footwear	3.9	3.8	3.9	0.1	0.0
	Other leather & leather products	3.6	3.6	4.1	0.0	-0.5

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
TOTAL MANUFACTURING INDUSTRIES	$287.98	$288.73	$278.29	38.5	38.6	40.1	$7.48	$7.48	$6.94
TOTAL DURABLE GOODS	324.14	326.19	316.30	39.1	39.3	41.4	8.29	8.30	7.64
Lumber & wood products	216.55	215.60	202.29	38.6	38.5	39.9	5.61	5.60	5.07
Millwork, plywood & structural	211.67	205.86	212.13	37.2	36.5	39.8	5.69	5.64	5.33
Other lumber & wood products	218.74	220.25	197.60	39.2	39.4	40.0	5.58	5.59	4.94
Furniture & fixtures	242.09	241.08	220.81	39.3	39.2	39.5	6.16	6.15	5.59
Household furniture	216.28	213.46	197.90	38.9	38.6	39.5	5.56	5.53	5.01
Office furniture	249.45	251.41	231.72	38.2	38.5	38.3	6.53	6.53	6.05
Other furniture & fixtures	280.17	282.36	254.56	40.9	41.1	40.6	6.85	6.87	6.27
Stone, clay & glass products	311.40	310.90	307.59	40.6	40.8	42.9	7.67	7.62	7.17
Glass & glassware, pressed or blown	256.61	264.18	287.96	35.2	35.7	40.5	7.29	7.40	7.11
Glass containers	233.46	235.29	305.56	30.8	31.0	41.8	7.58	7.59	7.31
Other pressed or blown glass	279.58	294.03	265.78	39.6	40.5	38.8	7.06	7.26	6.85
Hydraulic cement	467.78	428.86	408.46	43.8	41.0	41.3	10.68	10.46	9.89
Structural clay products	252.88	260.55	257.00	38.2	38.6	40.6	6.62	6.75	6.33
Pottery & related products	287.41	287.85	272.39	41.0	41.9	43.1	7.01	6.87	6.32
Concrete, gypsum & plaster prods.	301.81	293.97	302.15	41.4	41.0	45.3	7.29	7.17	6.67
Other stone, clay & glass prods.	370.98	369.84	342.91	45.8	46.0	45.6	8.10	8.04	7.52
Primary metal industries	388.69	392.99	397.00	36.6	36.9	42.1	10.62	10.65	9.43
Blast furnace & basic steel prods.	413.60	419.48	428.33	35.2	35.7	42.2	11.75	11.75	10.15
Blast furnaces & steel mills	418.83	425.72	434.89	34.7	35.3	42.1	12.07	12.06	10.33
Other basic steel products	366.30	357.69	364.97	40.7	40.1	43.5	9.00	8.92	8.39
Iron & steel foundries	306.94	310.85	303.89	39.2	39.1	40.9	7.83	7.95	7.43
Gray iron foundries	293.53	294.91	293.94	39.4	38.3	40.6	7.45	7.70	7.24
Steel foundries, n.e.c.	309.21	320.66	311.40	38.7	39.2	40.6	7.99	8.18	7.67
Malleable iron & steel invest.	325.94	322.80	309.74	39.7	40.3	41.8	8.21	8.01	7.41
Nonferrous rolling & drawing	318.35	323.20	304.08	40.4	40.4	42.0	7.88	8.00	7.24
Nonferrous foundries	293.57	306.87	278.88	41.7	43.1	42.0	7.04	7.12	6.64
Other primary metal products	342.86	311.45	317.34	43.9	40.5	43.0	7.81	7.69	7.38
Fabricated metal prods., incl. ordn.	300.93	303.96	288.36	39.7	40.1	40.5	7.58	7.58	7.12
Metal cans & shipping containers	350.40	331.50	360.36	40.0	39.0	45.5	8.76	8.50	7.92
Cutlery, hand tools & hardware	253.20	248.62	226.53	40.0	40.1	38.2	6.33	6.20	5.93
Plumbing & heating exc. electrical	285.84	288.64	270.92	39.7	40.2	42.2	7.20	7.18	6.42
Fabricated structural metal prods.	295.80	299.03	275.13	40.3	40.3	40.7	7.34	7.42	6.76
Fabricated struct. metal	283.11	294.05	272.08	35.3	35.3	35.8	8.02	8.33	7.60
Fab. plate work (boiler shops)	304.14	302.73	297.11	41.1	41.3	43.5	7.40	7.33	6.83
Other fab. struct. metal prods.	297.50	299.06	261.66	42.5	42.3	41.6	7.00	7.07	6.29
Screw machine products, bolts, etc.	277.90	297.52	264.11	39.7	40.7	40.2	7.00	7.31	6.57
Metal forgings & stampings	367.88	365.42	357.41	39.9	40.2	40.8	9.22	9.09	8.76
Iron & steel forgings	315.70	309.91	301.81	41.0	40.3	41.4	7.70	7.69	7.29
Other metal forgings & stampings	385.52	384.56	375.96	39.5	40.1	40.6	9.76	9.59	9.26
Metal services & ordnance, n.e.c.	276.90	280.00	251.16	39.5	40.0	38.7	7.01	7.00	6.49
Misc. fabricated metal products	270.34	279.97	272.28	38.4	39.6	40.1	7.04	7.07	6.79
Valves & pipe fittings	269.18	285.19	270.01	37.7	39.5	40.3	7.14	7.22	6.70
Other misc. fab. metal products	271.13	276.31	274.40	38.9	39.7	40.0	6.97	6.96	6.86
Machinery, exc. electrical	331.68	332.86	309.33	41.1	41.4	42.2	8.07	8.04	7.33
Engines & turbines	351.82	356.10	263.71	41.1	41.6	37.3	8.56	8.56	7.07
Farm & garden machinery	421.23	433.73	364.34	45.1	45.8	45.6	9.34	9.47	7.99
Construction & related machinery	320.95	320.95	326.09	38.3	38.3	41.7	8.38	8.38	7.82
Construction machinery	314.35	308.69	346.38	35.4	35.4	42.5	8.88	8.72	8.15
Conveyors & conveying equipment	312.33	310.71	256.24	40.3	40.3	39.3	7.75	7.71	6.52
Other constr. & related mach.	328.05	332.90	317.60	40.5	40.4	41.3	8.10	8.24	7.69
Metal working machinery	325.44	327.55	310.31	39.4	39.8	41.1	8.26	8.23	7.55
Special industry machinery	326.56	317.60	289.34	41.6	41.3	41.1	7.85	7.69	7.04
General industrial machinery	354.22	356.61	323.84	44.5	44.8	44.0	7.96	7.96	7.36
Pumps & pumping equipment	329.23	324.00	304.80	41.0	40.5	42.1	8.03	8.00	7.24
Ball & roller bearings	336.46	335.30	317.34	41.9	41.6	43.0	8.03	8.06	7.38
Air & gas compressors	408.00	424.45	369.89	50.0	51.2	48.1	8.16	8.29	7.69
Industrial furnaces & ovens	305.31	316.80	292.13	38.5	39.6	39.8	7.93	8.00	7.34
Other general industrial mach.	359.20	358.02	322.79	45.7	45.9	44.4	7.86	7.80	7.27
Office and computing machines	367.28	369.46	353.70	41.5	41.7	45.0	8.85	8.86	7.86
Refrigeration & serv. ind. mach.	265.00	272.80	243.41	38.8	40.0	40.1	6.83	6.82	6.07
Misc. machinery, exc. electrical	313.47	312.91	296.70	41.3	41.5	43.0	7.59	7.54	6.90

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.) Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
Electric & electronic equipment	$277.46	$278.78	$264.31	39.3	39.6	40.6	$7.06	$7.04	$6.51
Electric distributing equipment	334.03	332.32	316.99	40.1	40.5	41.6	8.33	8.23	7.62
Transformers	309.50	309.89	299.88	37.2	38.4	42.0	8.32	8.07	7.14
Switchgear & switchbrd apparatus	346.53	345.70	325.40	41.6	41.6	41.4	8.33	8.31	7.86
Electrical industrial apparatus	279.24	277.22	263.21	39.0	39.1	39.7	7.16	7.09	6.63
Household appliances	265.56	269.72	258.20	39.4	39.9	39.3	6.74	6.76	6.57
Electric lighting & wiring equip.	259.49	268.88	247.86	38.5	39.6	40.7	6.74	6.79	6.09
Current-carrying wiring devices	285.89	292.04	274.52	40.9	41.9	43.3	6.99	6.97	6.34
Other elect lght & wirng equip.	239.00	252.70	231.47	36.6	38.0	39.1	6.53	6.65	5.92
Communication equipment	307.02	313.05	308.59	41.1	41.3	42.1	7.47	7.58	7.33
Electronic components & access.	270.27	270.27	254.81	40.1	40.1	41.5	6.74	6.74	6.14
Semiconductors & related devices	330.88	331.30	324.63	40.4	40.6	43.4	8.19	8.16	7.48
Other electronic comp.& access.	239.80	239.00	224.26	39.9	39.9	40.7	6.01	5.99	5.51
Other electrical equip. & supplies	233.05	231.05	223.05	36.3	36.5	37.3	6.42	6.33	5.98
Transportation equipment	356.80	356.69	334.15	39.6	39.5	41.0	9.01	9.03	8.15
Motor vehicles & equipment	368.63	362.14	373.60	38.6	38.2	42.6	9.55	9.48	8.77
Motor vehicle parts & access.	375.76	365.95	371.94	38.5	38.4	42.9	9.76	9.53	8.67
Other motor vehicles & equip.	363.01	359.66	374.87	38.7	38.1	42.4	9.38	9.44	8.84
Aircraft & parts	338.52	359.48	312.21	39.5	41.8	40.6	8.57	8.60	7.69
Ship & boat building & repairing	377.34	371.97	324.75	40.4	40.3	40.9	9.34	9.23	7.94
Railroad equipment	367.75	367.61	326.19	39.5	38.9	39.3	9.31	9.45	8.30
Other transportation equipment	291.75	294.41	276.48	42.1	42.3	40.9	6.93	6.96	6.76
Instruments & related products	277.90	272.45	262.91	39.7	39.6	41.6	7.00	6.88	6.32
Measuring & controlling devices	312.60	301.26	287.31	42.3	41.9	43.4	7.39	7.19	6.62
Medical instruments & supplies	233.14	234.31	225.40	36.6	36.7	39.2	6.37	6.39	5.75
Other instruments & related prods.	239.44	242.72	244.73	36.5	37.0	39.6	6.56	6.56	6.18
Misc. manufacturing industries	267.04	266.67	258.73	40.4	40.1	40.3	6.61	6.65	6.42
TOTAL NONDURABLE GOODS	234.00	232.74	218.12	37.5	37.6	38.0	6.24	6.19	5.74
Food & kindred products	271.17	273.34	248.58	39.3	39.5	39.9	6.90	6.92	6.23
Meat products	276.46	278.99	267.10	40.3	40.2	42.6	6.86	6.94	6.27
Meat packing plants	313.47	313.73	307.65	38.7	38.4	43.7	8.10	8.17	7.04
Sausages & other prepared meats	297.75	298.57	295.39	36.4	35.8	40.8	8.18	8.34	7.24
Poultry dressing & processing	228.48	233.75	205.20	44.8	45.3	43.2	5.10	5.16	4.75
Dairy products	277.89	297.39	251.88	41.6	43.1	40.3	6.68	6.90	6.25
Fluid milk	284.69	299.44	240.67	41.2	42.9	37.9	6.91	6.98	6.35
Other dairy products	274.03	295.49	259.98	41.9	43.2	42.0	6.54	6.84	6.19
Preserved fruits & vegetables	203.28	198.33	203.24	33.0	33.0	36.1	6.16	6.01	5.63
Canned fruits & vegetables	188.65	181.83	170.94	34.3	34.7	35.1	5.50	5.24	4.87
Other preserved fruits & vegs.	212.82	209.85	225.95	32.1	31.7	36.8	6.63	6.62	6.14
Grain mill products	308.90	285.60	260.90	42.2	40.0	40.2	7.32	7.14	6.49
Bakery products	267.73	271.83	236.19	40.2	41.0	39.3	6.66	6.63	6.01
Bread, cake & related products	263.70	267.07	233.36	39.3	40.1	38.7	6.71	6.66	6.03
Cookies & crackers	276.83	282.26	243.76	42.2	42.9	40.9	6.56	6.58	5.96
Sugar & confectionery products	265.72	273.43	248.06	36.6	37.1	38.4	7.26	7.37	6.46
Confectionery products	217.75	216.02	214.67	34.4	33.7	36.2	6.33	6.41	5.93
Chocolate & cocoa products	297.14	296.77	267.62	39.2	39.1	41.3	7.58	7.59	6.48
Other sugar products	308.65	353.28	281.98	36.7	40.7	37.2	8.41	8.68	7.58
Beverages	365.08	351.29	329.13	42.5	40.8	42.8	8.59	8.61	7.69
Other food & kindred products	247.04	264.39	223.97	41.8	43.7	41.4	5.91	6.05	5.41
Tobacco manufacturers	165.19	165.56	148.55	37.8	37.8	37.8	4.37	4.38	3.93
Textile mill products	190.68	190.02	182.82	38.6	38.7	39.4	4.94	4.91	4.64
Weaving mills, snythetics	224.33	208.83	222.26	43.9	41.6	46.4	5.11	5.02	4.79
Knitting mills	182.98	184.12	168.52	38.2	38.6	37.7	4.79	4.77	4.47
Knit outerwear mills	181.64	181.83	167.32	38.0	38.2	37.6	4.78	4.76	4.45
Knit underwear mills	151.95	156.38	147.91	34.3	35.3	35.9	4.43	4.43	4.12
Other knitting mills	206.91	208.00	186.28	41.3	41.6	39.3	5.01	5.00	4.74
Floor covering mills	231.48	225.45	231.99	36.0	35.9	41.5	6.43	6.28	5.59
Yarn & thread mills	175.58	173.45	164.12	37.2	37.3	38.8	4.72	4.65	4.23
Other textile mill products	192.27	195.16	193.68	38.3	38.8	40.1	5.02	5.03	4.83

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
Apparel & other textile products	$153.73	$150.94	$143.77	32.5	32.6	32.9	$4.73	$4.63	$4.37
Men's & boys' suits & coats	202.58	209.07	184.79	36.5	37.4	34.8	5.55	5.59	5.31
Men's & boys' furnishings	153.65	154.94	149.04	35.0	35.7	36.0	4.39	4.34	4.14
Men's & boys' shirts & nightwear	149.82	150.66	148.10	34.6	35.2	36.3	4.33	4.28	4.08
Men's & boys' separate trousers	173.22	177.80	148.68	33.7	35.0	31.5	5.14	5.08	4.72
Other furnishings & wrk. clothng	144.76	144.57	150.15	36.1	36.6	38.6	5.01	3.95	3.89
Women's & misses' outerwear	144.72	137.51	136.64	29.9	29.7	30.5	4.84	4.63	4.48
Women's & children's undergarments	128.84	125.69	129.80	32.7	31.9	34.8	3.94	3.94	3.73
Children's outerwear	143.70	143.15	131.45	30.0	30.2	32.7	4.79	4.74	4.02
Other apparel & textile products	155.67	153.04	137.76	35.3	35.1	34.1	4.41	4.36	4.04
Paper & allied products	306.75	303.10	296.34	44.2	43.8	44.9	6.94	6.92	6.60
Paper mills exc. building paper	400.63	396.26	369.21	47.3	47.4	46.5	8.47	8.36	7.94
Paper board containers & boxes	276.83	276.19	269.69	39.1	38.9	41.3	7.08	7.10	6.53
Corrugated & solid fiber boxes	272.25	274.88	274.01	37.5	37.5	39.2	7.26	7.33	6.99
Other paperboard containers	282.21	278.24	265.00	40.9	40.5	43.3	6.90	6.87	6.12
Other paper & allied products	279.13	274.48	280.13	46.6	45.9	47.4	5.99	5.98	5.91
Printing & publishing	275.58	277.84	256.68	36.5	36.8	36.0	7.55	7.55	7.13
Newspapers	293.49	291.72	269.25	33.2	33.0	33.2	8.84	8.84	8.11
Books	218.52	221.14	206.51	36.0	36.9	35.3	6.07	6.02	5.85
Commercial printing	292.59	294.91	281.20	37.9	38.5	38.0	7.72	7.66	7.40
Lithographing	275.26	273.41	258.11	36.8	37.3	35.7	7.48	7.33	7.23
Other commercial printing	310.45	316.81	303.11	39.1	39.7	40.2	7.94	7.98	7.54
Manifold business forms	297.65	291.51	273.46	39.9	39.5	38.3	7.46	7.38	7.14
Other printing & publishing	263.71	271.50	236.94	37.3	37.5	35.9	7.07	7.24	6.60
Chemicals & allied products	315.02	316.42	295.95	40.7	41.2	42.4	7.74	7.68	6.98
Industrial inorganic chemicals	349.09	342.70	320.92	43.8	43.6	45.2	7.97	7.86	7.10
Plastic materials & synthetics	326.84	318.40	315.52	40.5	40.0	43.4	8.07	7.96	7.27
Drugs	303.14	308.61	276.19	36.7	38.1	38.9	8.26	8.10	7.10
Soap, cleaners & toilet goods	286.89	281.00	269.28	43.6	42.9	44.0	6.58	6.55	6.12
Paints & allied products	272.19	269.22	267.73	36.1	35.8	40.2	7.54	7.52	6.66
Other chemicals & allied products	313.85	325.16	301.89	42.7	44.0	43.5	7.35	7.39	6.94
Petroleum & coal products	438.10	426.12	379.10	42.7	41.9	42.5	10.26	10.17	8.92
Petroleum refining	462.00	445.05	391.87	42.0	41.4	41.6	11.00	10.75	9.42
Other petroleum & coal products	354.15	350.98	333.79	45.0	43.6	45.6	7.87	8.05	7.32
Rubber & misc. plastics products	233.05	229.51	229.10	39.3	38.9	39.5	5.93	5.90	5.80
Tires & inner tubes	341.82	332.07	334.80	42.2	40.3	43.2	8.10	8.24	7.75
Fabricated rubber products, nec	279.30	271.17	269.33	41.5	40.9	43.3	6.73	6.63	6.22
Other rubber & plastic prods., nec	209.44	204.14	194.94	38.5	38.3	38.0	5.44	5.33	5.13
Leather & leather products	174.78	175.08	159.15	39.1	39.7	39.2	4.47	4.41	4.06
Footwear, exc. rubber	161.88	162.57	146.26	38.0	38.8	37.6	4.26	4.19	3.89
Men's footwear, exc. athletic	183.87	179.52	156.00	40.5	40.8	40.0	4.54	4.40	3.90
Women's footwear, exc. athletic	148.30	154.39	145.88	36.8	38.5	37.5	4.03	4.01	3.89
Other footwear	146.01	147.24	133.86	35.7	36.0	34.5	4.09	4.09	3.88
Other leather & leather products	226.72	223.43	199.33	43.6	43.3	44.1	5.20	5.16	4.52
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	394.84	371.70	355.26	47.4	45.0	44.8	8.33	8.26	7.93
Bituminous coal & lignite mining	338.32	323.39	367.60	30.1	28.9	34.1	11.24	11.19	10.78
Nonmetallic minerals, exc. fuels	348.75	343.93	336.06	45.0	44.9	47.2	7.75	7.66	7.12
Communication	347.20	346.18	325.18	40.0	39.7	40.8	8.68	8.72	7.97
Electric, gas, & sanitary services	423.10	413.53	383.53	45.3	44.9	44.7	9.34	9.21	8.58
Electric services	467.92	442.56	396.57	49.1	48.0	46.6	9.53	9.22	8.51
Gas production & distribution	357.00	351.95	335.05	42.0	42.7	43.4	8.50	8.44	7.72
General merchandise stores	137.00	131.86	126.68	27.4	26.8	27.6	5.00	4.92	4.59
Banking	182.14	180.94	165.47	INA	INA	INA	INA	INA	INA
Insurance carriers	223.21	220.53	203.81	INA	INA	INA	INA	INA	INA
Life insurance	210.32	207.23	188.74	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	219.91	218.42	207.35	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Jun.	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr.	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	288.73	38.6	7.48	326.19	39.3	8.30	232.74	37.6	6.19	392.99	36.9	10.65
Jun.	287.98	38.5	7.48	324.14	39.1	8.29	234.00	37.5	6.24	388.69	36.6	10.62

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Jun.	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar.	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr.	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	303.96	40.1	7.58	332.86	41.4	8.04	278.78	39.6	7.04	356.69	39.5	9.03
Jun.	300.93	39.7	7.58	331.68	41.1	8.07	277.46	39.3	7.06	356.80	39.6	9.01

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Jun.	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr.	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	273.34	39.5	6.92	190.02	38.7	4.91	150.94	32.6	4.63	277.84	36.8	7.55
Jun.	271.17	39.3	6.90	190.68	38.6	4.94	153.73	32.5	4.73	275.58	36.5	7.55

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(1967 = 100)
Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS
(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
MANUFACTURING	959.5	966.4	1,012.1	36,923.9	37,335.3	40,561.9	276,224.6	279,339.6	281,525.5
DURABLE GOODS	571.7	582.2	616.7	22,375.7	22,891.2	25,545.4	185,459.7	189,972.5	195,264.8
NONDUR. GOODS	387.8	384.2	395.4	14,548.2	14,444.1	15,016.5	90,764.9	89,367.1	86,260.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,349.0	824.4	21.9	19.2	60.9	192.5	112.7	144.8
Jun.	1,343.6	814.9	21.4	19.2	61.1	186.0	111.2	144.4

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	124.2	80.8	42.8	24.6	524.6	97.5	3.1	46.4
Jun.	123.7	80.8	42.7	24.4	528.7	98.4	3.1	46.2

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.1	55.4	43.5	74.0	62.5	16.8	38.2	17.5
Jun.	126.0	56.0	44.1	74.5	62.6	17.8	38.4	17.6

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)
1967 = 100

Industry Group	1980		1979	1978	ANNUAL AVERAGE	
	June	May	June	June	1979	1978
EMPLOYMENT						
All Manufacturing	86.3	86.6	90.6	88.7	89.3	87.9
Primary Metals	72.6	75.1	80.8	78.5	79.3	77.7
Apparel	70.2	69.7	73.7	76.6	71.7	75.3
All Nonmanufacturing	133.6	133.5	134.1	131.8	131.8	128.5
Construction	116.5	113.5	120.3	119.1	113.4	109.6
Retail Trade	128.5	129.5	132.5	132.9	130.9	131.0
Services	162.8	163.3	159.6	151.3	157.1	148.1
Government	131.3	130.4	129.7	131.8	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

MAY 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates: Total May 1980	Total Apr. 1980	Total May 1979	New Hires May 1980	New Hires Apr. 1980	New Hires May 1979	Recalls May 1980	Recalls Apr. 1980	Recalls May 1979
PENNSYLVANIA	1,349.0	2.8	2.5	3.6	1.4	1.2	2.3	1.2	1.0	1.0
ALLENTOWN-BETHLEHEM-EASTON	110.8	2.6	2.1	3.1	1.4	1.2	2.1	0.8	0.7	0.9
ALTOONA	13.2	2.5	2.1	3.0	0.9	1.5	1.4	1.4	0.6	1.4
ERIE	42.3	2.9	2.2	2.9	1.3	0.9	1.9	1.0	0.8	0.7
HARRISBURG	42.5	2.7	2.5	2.9	1.9	1.4	2.5	0.6	0.8	0.2
JOHNSTOWN	19.2	2.7	3.0	4.3	0.9	0.6	1.1	1.2	1.9	3.1
LANCASTER	58.4	2.6	2.6	3.5	1.6	1.8	3.0	0.9	0.8	0.4
NORTHEAST	73.2	3.1	3.3	4.0	1.7	1.3	2.2	1.2	1.7	1.6
SCRANTON	28.1	2.7	3.2	4.3	1.3	1.2	2.0	1.3	1.9	2.1
WILKES-BARRE-HAZLETON	39.8	4.2	3.8	3.1	2.3	1.6	1.8	1.6	1.9	1.1
PHILADELPHIA	447.7	2.9	2.5	3.5	1.8	1.5	2.5	0.9	0.8	0.8
PITTSBURGH	244.9	2.5	2.0	3.2	0.8	0.8	1.8	1.2	1.0	1.1
READING	51.7	3.0	2.3	3.7	1.7	1.3	2.6	1.1	1.0	1.0
WILLIAMSPORT	15.3	1.9	2.0	3.0	0.8	1.4	2.1	1.0	0.3	0.9
YORK	65.0	2.5	2.5	4.4	1.4	1.8	3.1	1.0	0.6	1.1

Major Labor Market Area	Employment (Thousands)	Separation Rates: Total May 1980	Total Apr. 1980	Total May 1979	Quits May 1980	Quits Apr. 1980	Quits May 1979	Layoffs May 1980	Layoffs Apr. 1980	Layoffs May 1979
PENNSYLVANIA	1,349.0	4.2	3.4	2.8	0.8	0.8	1.2	2.7	2.0	0.9
ALLENTOWN-BETHLEHEM-EASTON	110.8	3.3	3.1	2.5	0.7	0.8	1.1	1.9	1.8	0.8
ALTOONA	13.2	2.1	1.4	2.3	0.5	0.6	0.7	1.4	0.6	1.3
ERIE	42.3	3.3	2.9	2.7	0.8	0.6	1.1	1.8	1.4	0.7
HARRISBURG	42.5	3.2	4.3	2.1	1.0	1.2	1.3	1.5	2.5	0.3
JOHNSTOWN	19.2	3.9	3.2	2.6	0.5	0.5	0.7	2.8	2.1	0.8
LANCASTER	58.4	3.2	3.2	3.1	1.1	1.2	2.3	1.5	1.4	0.3
NORTHEAST	73.2	4.7	3.8	3.8	0.9	0.9	1.4	3.1	2.3	1.9
SCRANTON	28.1	4.1	3.6	3.9	1.0	0.9	1.2	2.6	2.2	2.3
WILKES-BARRE-HAZLETON	39.8	5.0	4.0	2.8	0.9	1.0	1.2	3.3	2.5	1.1
PHILADELPHIA	447.7	3.6	3.2	3.1	1.0	0.9	1.2	1.9	1.6	1.2
PITTSBURGH	244.9	5.1	2.9	1.8	0.4	0.4	0.6	4.0	1.8	0.6
READING	51.7	4.0	3.8	3.8	1.0	0.9	1.5	2.2	2.4	1.5
WILLIAMSPORT	15.3	2.6	2.0	3.9	0.5	0.4	0.9	1.8	1.2	2.4
YORK	65.0	4.0	3.9	4.0	1.1	1.4	2.4	2.4	2.0	1.0

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings: Jun. 1980	May 1980	Jun. 1979	Average Weekly Hours: Jun. 1980	May 1980	Jun. 1979	Average Hourly Earnings: Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	$287.98	$288.73	$278.29	38.5	38.6	40.1	$7.48	$7.48	$6.94
ALLENTOWN-BETHLEHEM-EASTON	295.64	294.88	273.22	38.0	38.0	38.0	7.78	7.76	7.19
ALTOONA	256.03	258.20	238.20	38.5	39.3	39.7	6.65	6.57	6.00
ERIE	308.51	309.14	279.34	40.7	41.0	41.2	7.58	7.54	6.78
HARRISBURG	279.60	282.20	263.11	40.0	40.2	41.5	6.99	7.12	6.34
JOHNSTOWN	313.90	318.19	295.86	36.5	36.7	39.5	8.60	8.67	7.49
LANCASTER	260.55	260.15	247.45	39.9	39.9	40.9	6.53	6.52	6.05
NORTHEAST	214.76	208.57	197.42	36.9	36.4	36.9	5.82	5.73	5.35
SCRANTON	204.84	201.64	196.57	36.0	35.5	37.3	5.69	5.68	5.27
WILKES-BARRE-HAZLETON	220.88	211.44	198.20	37.5	36.9	36.5	5.89	5.73	5.43
PHILADELPHIA	297.44	297.44	280.30	39.5	39.5	40.1	7.53	7.53	6.99
PITTSBURGH	345.33	353.33	346.90	38.2	38.7	41.2	9.04	9.13	8.42
READING	270.90	271.60	242.69	38.7	38.8	38.4	7.00	7.00	6.32
WILLIAMSPORT	268.13	256.08	239.90	39.2	38.8	39.2	6.84	6.60	6.12
YORK	267.87	266.53	260.18	40.1	40.2	42.1	6.68	6.63	6.18

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	June 1980		May 1980		June 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.8	7.7	7.0	7.8	6.0	5.7
PENNSYLVANIA	8.0	7.7	7.2	8.3	7.2	6.8
ALLENTOWN-BETH-EASTON	INA	INA	INA	INA	6.7	6.8
ALTOONA	8.6	8.5	8.1	9.4	8.7	8.5
ERIE	9.2	8.8	8.8	10.0	7.9	7.5
HARRISBURG	5.9	5.5	5.4	6.3	5.5	5.1
JOHNSTOWN	12.0	12.7	10.8	13.2	8.2	8.8
LANCASTER	6.0	5.5	5.4	6.3	5.1	4.7
NORTHEAST	9.6	9.6	9.0	10.7	8.5	8.5
SCRANTON	8.6	8.5	8.4	10.1	8.7	8.6
W BARRE-HAZLETON	10.4	10.4	9.5	11.4	8.5	8.6
PHILADELPHIA	INA	INA	INA	INA	7.4	6.8
PITTSBURGH	7.7	7.1	6.5	7.8	6.3	5.8
POTTSVILLE	10.2	-	9.9	-	8.0	-
READING	8.3	7.1	7.7	8.4	6.5	5.6
UNIONTOWN-CONNELLSVLE	12.2	-	9.7	-	8.0	-
WILLIAMSPORT	11.9	11.9	13.4	15.9	9.3	9.2
YORK	7.4	6.7	6.3	7.4	5.7	5.3

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	106,067.0	104,028.0	104,153.0	97,776.0	96,709.0	97,917.0	8,291.0	7,318.0	6,235.0
PENNSYLVANIA	5,396.0	5,301.0	5,333.0	4,963.0	4,919.0	4,950.0	433.0	382.0	383.0
ALLENTOWN-BETH-EASTON	INA	INA	298.5	INA	INA	278.5	INA	INA	20.1
ALTOONA	61.1	59.6	58.6	55.9	54.8	53.5	5.3	4.8	5.1
ERIE	129.4	126.3	125.9	117.5	115.1	115.9	11.9	11.1	10.0
HARRISBURG	219.6	217.0	219.3	206.6	205.3	207.2	13.1	11.7	12.1
JOHNSTOWN	111.2	109.1	109.8	97.9	97.3	100.8	13.3	11.8	9.1
LANCASTER	179.1	176.7	117.7	168.3	167.2	168.6	10.8	9.5	9.1
NORTHEAST	286.8	283.2	284.3	259.4	257.9	260.1	27.4	25.4	24.2
SCRANTON	104.7	103.8	105.1	95.7	95.1	96.0	9.0	8.7	9.1
W BARRE-HAZLETON	155.4	153.0	152.7	139.2	138.4	139.6	16.1	14.6	13.1
PHILADELPHIA	INA	INA	2,129.1	INA	INA	1,971.2	INA	INA	137.9
PITTSBURGH	1,027.9	1,000.9	1,021.0	949.2	935.7	957.0	78.7	65.1	64.0
POTTSVILLE	66.5	65.4	67.3	59.7	58.9	61.9	6.8	6.5	5.4
READING	154.5	152.1	151.7	141.7	140.4	141.8	12.8	11.8	9.9
UNIONTOWN-CONNELLSVLE	58.6	56.0	57.1	51.5	50.6	52.5	7.1	5.4	4.6
WILLIAMSPORT	52.9	52.4	52.8	46.6	45.4	47.9	6.3	7.0	4.9
YORK	174.0	171.5	172.0	161.2	160.7	162.1	12.8	10.8	9.9

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	91,090.0	90,988.0	90,914.0	74,541.0	74,315.0	74,834.0
PENNSYLVANIA	4,837.8	4,839.5	4,921.5	4,086.2	4,094.8	4,175.5
ALLENTOWN-BETHLEHEM-EASTON	266.8	265.8	266.0	236.7	235.8	235.7
ALTOONA	55.5	54.8	53.9	46.4	46.3	46.0
ERIE	118.0	116.6	118.2	102.5	102.0	103.7
HARRISBURG	217.4	217.5	221.8	162.6	161.6	165.6
JOHNSTOWN	88.8	89.0	93.1	72.8	74.1	77.1
LANCASTER	152.5	152.4	155.7	137.7	136.8	140.7
NORTHEAST	245.1	245.0	249.5	205.2	204.0	210.3
SCRANTON	87.1	87.0	87.1	75.3	75.1	75.7
WILKES-BARRE-HAZLETON	126.7	127.4	132.6	106.1	106.5	112.1
PHILADELPHIA	1,952.4	1,949.6	1,950.4	1,643.7	1,638.9	1,643.4
PITTSBURGH	958.9	950.2	981.8	819.9	818.4	848.5
POTTSVILLE	48.0	47.7	50.5	39.1	39.1	41.9
READING	138.6	138.1	140.7	120.8	120.2	123.9
UNIONTOWN-CONNELLSVILLE	35.5	35.0	38.6	27.8	27.7	31.5
WILLIAMSPORT	46.9	45.7	49.0	40.4	39.2	42.3
YORK	155.2	155.8	158.6	135.9	136.0	139.5

Area	Manufacturing			Nonmanufacturing		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	20,156.0	20,251.0	21,331.0	70,934.0	70,737.0	69,583.0
PENNSYLVANIA	1,343.6	1,349.0	1,409.8	3,487.5	3,485.4	3,501.5
ALLENTOWN-BETHLEHEM-EASTON	110.6	110.8	111.3	156.1	154.9	154.3
ALTOONA	13.4	13.2	13.2	41.7	41.4	40.6
ERIE	42.4	42.3	44.9	75.4	74.2	72.4
HARRISBURG	42.6	42.5	43.9	174.7	174.9	177.6
JOHNSTOWN	18.8	19.2	21.0	68.9	69.8	72.1
LANCASTER	58.7	58.4	61.4	93.8	94.0	94.2
NORTHEAST	72.6	73.2	75.0	172.1	171.5	174.5
SCRANTON	28.0	28.1	28.1	59.1	58.9	59.0
WILKES-BARRE-HAZLETON	39.3	39.8	42.1	87.1	87.3	90.5
PHILADELPHIA	447.2	447.7	460.1	1,504.3	1,500.3	1,488.7
PITTSBURGH	243.3	244.9	260.9	713.8	704.0	717.8
POTTSVILLE	19.4	19.6	21.6	28.6	28.1	28.9
READING	51.7	51.7	54.7	86.8	86.3	85.3
UNIONTOWN-CONNELLSVILLE	6.9	7.1	8.4	28.5	27.9	30.2
WILLIAMSPORT	16.5	15.3	18.5	30.4	30.4	30.5
YORK	64.2	65.0	66.9	90.9	90.5	91.5

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980																								
Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.3	2.0	1.2	3.4	1.3	1.5	3.1	1.7	1.2	3.5	1.1	1.9	3.9	2.6	1.1	3.5	1.9	1.0	4.4	2.4	1.7	4.5	1.8	1.9
Apr.	3.2	1.7	1.3	3.7	1.2	1.9	3.3	1.6	1.7	4.0	1.1	2.3	3.3	2.4	0.8	4.8	1.7	2.5	4.3	2.0	2.0	4.4	1.5	2.3
May	3.4	2.1	1.1	3.6	1.2	1.8	4.4	2.6	1.6	4.1	1.2	2.2	3.3	2.3	0.8	3.6	1.5	1.5	4.2	2.3	1.7	5.2	1.5	2.9

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	N	1.5	0.3	1.1
1980																								
Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	2.9	1.6	1.2	4.0	1.0	1.8	2.9	1.8	1.0	2.1	0.9	0.6	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1
Apr.	2.6	0.9	1.6	3.2	0.8	1.8	2.5	1.7	0.7	2.5	1.2	1.0	1.3	0.9	0.3	1.3	0.4	0.5	1.6	0.9	0.7	1.5	0.4	0.9
May	2.8	1.3	1.1	2.8	0.8	1.5	2.4	1.6	0.7	2.1	1.0	0.6	1.9	1.2	0.5	1.9	0.5	0.8	2.9	1.9	0.9	2.0	0.4	1.2

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan.	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb.	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.6
Mar.	2.6	1.2	0.9	4.1	1.0	2.3	7.0	5.5	1.4	7.0	3.8	2.6
Apr.	2.4	0.9	1.1	5.2	0.8	3.3	8.8	4.9	1.5	6.6	3.8	1.9
May	2.6	1.4	0.9	4.2	0.8	2.7	5.3	4.7	0.4	5.2	3.7	0.7

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	[illegible]	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar.	2.7	1.4	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	4.0	2.5	1.4	[illegible]	1.6	1.4	2.5	0.9	1.5	2.4	0.5	1.5
Apr.	2.5	1.2	1.0	3.4	0.8	2.0	2.0	1.0	0.8	3.2	0.6	2.0	2.9	2.1	0.7	3.9	1.7	1.6	2.3	0.8	1.4	3.7	0.5	2.6
May	2.8	1.4	1.2	4.2	0.8	2.7	2.5	1.0	1.2	4.5	0.5	3.3	2.8	2.1	0.6	4.5	1.2	1.9	3.2	0.9	2.0	3.6	0.4	2.6

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.6	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.1	2.2	0.3	1.1	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.9	0.7	0.5	2.2	1.2	0.5	3.0	0.7	1.2
Apr.	1.9	0.5	1.1	2.9	0.3	2.0	2.3	1.1	1.1	4.9	0.7	3.6	1.3	1.0	0.2	1.6	0.6	0.5	2.0	1.1	0.5	2.8	0.6	1.4
May	2.1	0.5	1.2	6.0	0.3	5.1	3.0	1.1	1.7	5.8	0.6	4.5	1.6	1.2	0.3	2.1	0.6	1.0	2.4	0.9	0.9	3.4	0.5	2.0

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.1	0.8	0.8	3.9	0.4	2.4	1.8	1.5	0.1	2.1	0.6	1.0	2.6	1.5	1.0	2.3	0.7	1.1
Apr.	1.9	0.6	0.9	5.0	0.4	3.8	1.4	1.1	0.2	1.7	0.5	0.7	3.8	2.8	0.7	4.9	1.0	3.1
May	3.2	0.7	2.0	5.2	0.3	4.0	1.9	1.3	0.3	2.4	0.7	1.2	2.0	1.1	0.8	4.6	1.1	3.2

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

AUGUST 1980

Vol. XXV No. 8

JOB SERVICE

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, by writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 - 787-3129

Issued: August 1980 Reference: Mid-July

PENNSYLVANIA EMPLOYMENT & EARNINGS
JULY 1980

Total unemployment in Pennsylvania, both adjusted and unadjusted for seasonal influences, surged upward in July.

Seasonally adjusted, Pennsylvania's volume of unemployment, in contrast to the normal June to July change, leaped by 101,000 to 510,000 in July. This estimate marked the highest volume of unemployment since the 1958 recession when unemployment surpassed 550,000. The unemployment rate jumped 1.8 percentage points from June to 9.5 percent in July. This was the highest rate of unemployment recorded since 1961 when the rate exceeded 10.0 percent. Both levels were well in excess of one year ago. In July 1979, unemployment was 348,000 and the rate, 6.5 percent.

The unadjusted rate of unemployment jumped to 9.3 percent in July from the June rate of 8.0 percent. The volume of unemployment swelled by 69,000 to 502,000 in July. One year ago, unadjusted unemployment stood at 340,000 which represented 6.3 percent of the labor force.

Nationwide, both the adjusted and unadjusted rates of unemployment increased a slight 0.1 percentage points from June to July. The adjusted rate of unemployment was 7.8, the unadjusted rate was 7.9.

FACTORY JOBS OFF IN BOTH DURABLES AND NONDURABLES

Total nonagricultural wage and salary employment declined sharply by 94,800 workers between June and July. This was far in excess of the normal month to month movement, underlining the economy's continued deterioration. Both the manufacturing and nonmanufacturing sectors experienced substantial losses. The manufacturing and nonmanufacturing sectors experienced substantial losses. The manufacturing payroll was cut by 34,900 and nonmanufacturing, 59,900.

Losses in both durables and nondurables pushed factory employment down for the fourth consecutive month.

The contraction of durable goods employment by 17,100 workers was an aggregate of downturns in all sectors. Principal contributors to the decline were NONELECTRICAL MACHINERY, particularly its engines and turbines segment (attributable to labor-management disputes), PRIMARY METALS, principally its basic steel and iron and steel foundry subdivisions, and TRANSPORTATION EQUIPMENT, notably its motor vehicle and equipment and railroad equipment industries. Lesser setbacks were experienced by FABRICATED METALS suffering from a labor-management dispute in its metal forging and stamping sector and ELECTRICAL MACHINERY experiencing weaknesses in the industrial apparatus segment. The remaining industries combined for a minimal loss.

Nondurable goods reversed the May to June upswing and lost 17,800 jobs. Hardest hit on the minus side were APPAREL, notably its women's and misses' outerwear sector and TEXTILE MILL PRODUCTS, particularly its knitting mill subdivision. Labor-management disputes in the paperboard container segment keyed cuts in PAPER AND ALLIED PRODUCTS. FOOD AND KINDRED on the strength of payroll additions in the meat products and preserved fruit and vegetables industries recorded the only upward movement.

Over the year, manufacturing employment plunged, with cutbacks of 64,600 jobs in the durable goods industries and 25,200 in nondurables.

AVERAGE WORKWEEK CONTINUES DOWN

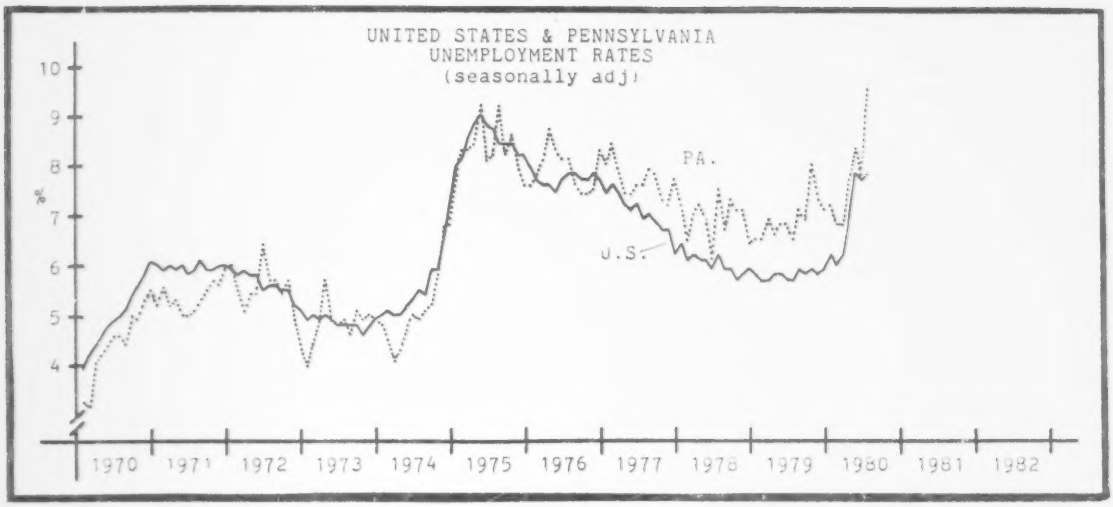
Led by the weakening durable goods industries, the average factory workweek declined for the fourth consecutive month to 38.2 hours in July. The 0.3 hour drop from June made July's weekly manhours the lowest since the 38.2 hours registered in January 1977. Nondurable industries workweek expanded by 0.1 hours, a product, primarily, of increased activity in TOBACCO PRODUCTS and PETROLEUM AND COAL PRODUCTS.

Manufacturing average hourly earnings increased by 5 cents to $7.53 in July. Significant gains in ELECTRICAL MACHINERY, TRANSPORTATION EQUIPMENT and PETROLEUM AND COAL PRODUCTS offset losses in PRIMARY METALS, TEXTILE MILL, APPAREL and TOBACCO PRODUCTS. Hourly earnings rose 58 cents from one year ago but failed to match the rise in inflation. Nationwide, the average hourly earning for July was $7.28, for a 38.9 hour workweek. The length of the workweek was down from the 39.4 hours registered in June.

NONMANUFACTURING JOBS OFF SUBSTANTIALLY

The fact that Pennsylvania's economy is mired in a recession was reflected in the July cutback of 59,900 nonmanufacturing jobs. The drop far outpaced the usual June to July decline. Most notable employment reductions were recorded in LOCAL GOVERNMENT, WHOLESALE and RETAIL TRADE and SERVICES, particularly educational services, as seasonal factors were prominent. Increases, but to a lesser extent than is normal, were posted in the FINANCE, INSURANCE AND REAL ESTATE and CONTRACT CONSTRUCTION sectors. CONTRACT CONSTRUCTION added jobs for the fifth consecutive month but remained well below the industry's usual seasonal levels.

Nonmanufacturing employment when compared with July 1979 showed a deficit of 34,200 jobs. Gains in FINANCE, INSURANCE AND REAL ESTATE, SERVICES and GOVERNMENT were outweighed by losses in the remaining segments.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Jul.	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug.	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.5	5.9
Sep.	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov.	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec.	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan.	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7.043.0	6.8	6.2
Feb.	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar.	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr.	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6.846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8
Jun.	5,396.0	4,963.0	433.0	8.0	7.7	106,067.0	97,776.0	8,291.0	7.8	7.7
Jul.	5,417.0	4,915.0	502.0	9.3	9.5	106,997.0	98,587.0	8,410.0	7.9	7.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
TOTAL CIVILIAN LABOR FORCE	5,417.0	5,396.0	5,387.0	21.0	30.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	502.0	433.0	340.0	69.0	162.0
% CIVILIAN LABOR FORCE	9.3	8.0	6.3	1.3	3.0
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	510.0	409.0	348.0	101.0	162.0
% CIVILIAN LABOR FORCE	9.5	7.7	6.5	1.8	3.0
TOTAL EMPLOYMENT	4,915.0	4,963.0	5,047.0	-48.0	-132.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,737.7	4,829.8	4,860.4	-92.1	-122.7
LABOR-MANAGEMENT DISPUTES	9.1	6.4	7.8	2.7	1.3
ALL MANUFACTURING INDUSTRIES	1,307.3	1,342.2	1,397.1	-34.9	-89.8
TOTAL NONMANUFACTURING INDUSTRIES	3,421.3	3,481.2	3,455.5	-59.9	-34.2
Mining	48.3	48.7	52.3	-0.4	-4.0
Anthracite	3.1	3.2	3.1	-0.1	0.0
Bituminous	35.9	36.2	40.0	-0.3	-4.1
Nonmetallic minerals	5.0	5.0	5.2	0.0	-0.2
Contract Construction	213.9	213.5	226.8	0.4	-12.9
General building	56.2	56.1	65.7	0.1	-9.5
Heavy construction	34.8	35.0	39.0	-0.2	-4.2
Special trades	122.9	122.4	122.1	0.5	0.8
Transportation	152.9	161.0	166.3	-8.1	-13.4
Railroads	43.0	43.0	45.5	0.0	-2.5
Public Utilities	101.8	101.3	105.0	0.5	-3.2
Communications	54.6	54.5	54.6	0.1	0.0
Electric, gas & sanitary service	47.2	46.8	50.4	0.4	-3.2
Electric systems	21.6	21.4	23.7	0.2	-2.1
Gas production	10.8	10.8	11.9	0.0	-1.1
Wholesale trade	237.1	239.5	241.1	-2.4	-4.0
Retail trade	726.7	739.3	746.7	-12.6	-20.0
General merchandise stores	113.3	115.3	120.7	-2.0	-7.4
Department stores	98.7	100.8	106.0	-2.1	-7.3
Finance, insurance & real estate	243.7	243.2	239.5	0.5	4.2
Banking	80.8	80.4	78.6	0.4	2.2
Commercial & stock savings	74.2	73.9	72.5	0.3	1.7
Credit agencies & securities	30.3	30.1	29.8	0.2	0.5
Insurance	71.2	71.1	69.8	0.1	1.4
Life insurance	26.5	26.5	26.6	0.0	-0.1
Fire, marine & casualty	30.0	29.9	28.9	0.1	1.1
Services	984.5	997.0	968.0	-12.5	16.5
Business services	128.8	130.5	123.9	-1.7	4.9
Health services	313.1	311.9	305.8	1.2	7.3
Nursing & personal care	51.3	51.6	50.1	-0.3	1.2
Hospitals	193.6	192.4	186.7	1.2	6.9
Educational service	115.2	131.2	115.4	-16.0	-0.2
Miscellaneous services	46.7	46.1	45.0	0.6	1.7
Engineering & architectural	29.7	29.4	28.7	0.3	1.0
Government	712.4	737.7	709.8	-25.3	2.6
Federal	140.8	142.6	133.5	-1.8	7.3
State & local	571.6	595.1	576.3	-23.5	4.7

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS
(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,834.4	4,094.8	1,349.0	3,485.4	48.8	206.0	982.5	238.3	744.2
Jun.	4,823.4	4,085.7	1,342.2	3,481.2	48.7	213.5	978.8	239.5	739.3
Jul.	4,728.6	4,016.2	1,307.3	3,421.3	48.3	213.9	963.8	237.1	726.7

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.5	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	163.4	104.1	241.1	999.9	189.1	810.8	739.6	145.5	594.1
Jun.	161.0	101.3	243.2	997.0	192.4	804.6	737.7	142.6	595.1
Jul.	152.9	101.8	243.7	984.5	193.6	790.9	712.4	140.8	571.6

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

JUNE 1980

Industry	Employment (Thousands)	Accession Rates: Total Jun.	May	Jun.	New Hires Jun.	May	Jun.	Recalls Jun.	May	Jun.
All Manufacturing	1,342.2	3.3	2.8	3.6	1.5	1.4	2.6	1.4	1.1	0.7
Durable Goods	814.4	3.0	2.4	3.1	1.0	1.0	2.3	1.6	1.1	0.6
Furniture & Fixtures	19.2	3.3	2.7	6.5	2.2	2.0	3.8	1.0	0.6	2.4
Stone, Clay & Glass Products	60.5	3.4	3.1	3.6	0.8	1.0	2.6	1.9	1.9	0.7
Primary Metal Industries	186.0	2.7	2.1	2.6	0.4	0.6	2.0	2.0	1.1	0.3
Fabricated Metal Products	111.1	4.7	3.0	3.7	1.2	1.1	2.5	3.3	1.7	1.0
Machinery, exc. Electrical	144.8	1.8	1.6	2.4	1.3	1.2	2.1	0.3	0.3	0.2
Electric & Electronic Equip.	123.4	2.2	2.3	2.9	1.2	1.0	2.1	0.5	0.8	0.5
Transportation Equipment	80.9	3.9	2.5	2.7	1.1	0.7	1.7	2.3	1.4	0.6
Instruments & Related Products	42.8	1.9	1.8	2.9	1.4	1.3	2.3	0.3	0.2	0.4
Miscellaneous Manufacturing	24.1	4.8	1.8	6.0	1.8	1.0	4.4	2.8	0.7	1.4
Nondurable Goods	527.8	3.7	3.4	4.3	2.2	2.1	3.0	1.1	1.1	1.0
Food & Kindred Products	98.5	4.9	4.3	5.1	2.7	2.6	3.6	1.8	1.6	1.2
Textile Mill Products	46.2	3.0	3.3	4.3	2.2	2.4	3.6	0.7	0.8	0.5
Apparel & Related Products	125.0	4.1	4.2	4.7	2.3	2.4	2.5	1.6	1.6	1.8
Paper & Allied Products	44.3	3.2	2.8	4.1	1.5	1.3	3.2	0.8	1.1	0.7
Printing & Publishing	74.4	2.5	2.6	3.3	1.9	1.6	2.6	0.6	0.8	0.6
Chemicals & Allied Products	62.5	2.6	2.0	3.0	1.8	1.3	2.4	0.7	0.6	0.4
Petroleum & Coal Products	17.6	4.1	2.8	2.8	2.5	1.8	2.6	1.5	0.9	0.1
Rubber & Plastics Products	38.6	3.4	2.5	4.5	1.7	1.3	3.4	1.0	0.9	0.7
Leather & Leather Products	17.6	5.2	5.8	7.8	4.6	4.7	5.7	0.5	0.9	1.5

Industry	Employment (Thousands)	Separation Rates: Total Jun. 1980	May 1980	Jun. 1979	Quits Jun. 1980	May 1980	Jun. 1979	Layoffs Jun. 1980	May 1980	Jun. 1979
All Manufacturing	1,342.2	3.8	4.1	2.8	0.7	0.8	1.2	2.5	2.7	1.0
Durable Goods	814.4	4.0	4.4	2.3	0.5	0.5	0.9	2.9	3.3	0.8
Furniture & Fixtures	19.2	4.1	5.3	4.6	1.0	1.3	2.4	2.4	2.7	0.8
Stone, Clay & Glass Products	60.5	3.3	3.9	2.3	0.5	0.5	0.8	2.3	2.9	1.0
Primary Metal Industries	186.0	6.2	5.8	1.4	0.2	0.3	0.5	5.4	4.9	0.2
Fabricated Metal Products	111.1	5.8	5.4	3.5	0.5	0.6	1.0	4.6	4.1	1.7
Machinery, exc. Electrical	144.8	1.8	2.1	1.9	0.5	0.6	0.9	0.9	1.0	0.5
Electric & Electronic Equip.	123.4	3.4	3.3	1.7	0.5	0.5	0.8	2.1	2.1	0.3
Transportation Equipment	80.9	3.0	5.3	3.8	0.3	0.3	0.6	1.8	4.3	1.9
Instruments & Related Products	42.8	1.9	2.2	2.0	0.6	0.7	1.0	0.5	1.0	0.4
Miscellaneous Manufacturing	24.1	3.0	4.6	2.4	1.0	0.9	1.4	1.3	3.3	0.5
Nondurable Goods	527.8	3.5	3.7	3.6	1.1	1.2	1.7	1.7	1.9	1.3
Food & Kindred Products	98.5	3.1	4.0	4.4	1.0	1.2	2.0	1.4	2.2	1.7
Textile Mill Products	46.2	3.7	3.7	4.0	1.6	1.6	2.5	1.5	1.4	0.8
Apparel & Related Products	125.0	4.4	5.4	5.1	1.4	1.5	2.0	2.2	3.0	2.2
Paper & Allied Products	44.3	3.2	2.8	2.0	0.5	0.9	1.1	2.2	1.5	0.5
Printing & Publishing	74.4	2.8	2.2	2.4	1.0	1.0	1.3	1.3	0.8	0.8
Chemicals & Allied Products	62.5	2.1	1.9	1.5	0.5	0.5	0.7	1.1	0.8	0.4
Petroleum & Coal Products	17.6	1.8	1.8	1.2	0.4	0.4	0.5	0.9	1.1	0.3
Rubber & Plastics Products	38.6	5.5	4.1	2.9	0.7	0.8	1.2	3.5	2.6	1.0
Leather & Leather Products	17.6	4.2	5.1	7.3	3.0	3.6	4.5	0.3	0.8	2.1

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,307.3	1,342.2	1,397.1	-34.9	-89.8
	TOTAL DURABLE GOODS	797.3	814.4	861.9	-17.1	-64.6
24	Lumber & wood products	21.0	21.6	22.9	-0.6	-1.9
243	Millwork, plywood & structural	6.8	6.8	7.2	0.0	-0.4
	Other lumber & wood products	14.2	14.8	15.7	-0.6	-1.5
25	Furniture & fixtures	18.6	19.2	19.7	-0.6	-1.1
251	Household furniture	8.3	8.9	9.1	-0.6	-0.8
252	Office furniture	4.6	4.5	4.8	0.1	-0.2
	Other furniture & fixtures	5.7	5.8	5.8	-0.1	-0.1
32	Stone, clay & glass products	59.8	60.5	67.0	-0.7	-7.2
322	Glass & glassware, pressed or blown	15.2	15.5	17.4	-0.3	-2.2
3221	Glass containers	7.8	8.0	9.5	-0.2	-1.7
3229	Other pressed or blown glass	7.4	7.5	7.9	-0.1	-0.5
324	Hydraulic cement	3.1	3.1	3.7	0.0	-0.6
325	Structural clay products	6.1	6.2	6.9	-0.1	-0.8
326	Pottery & related products	4.8	4.8	5.3	0.0	-0.5
327	Concrete, gypsum & plaster products	8.5	8.6	9.4	-0.1	-0.9
	Other stone, clay & glass products	22.1	22.3	24.3	-0.2	-2.2
33	Primary metal industries	182.8	186.0	206.8	-3.2	-24.0
331	Blast furnace & basic steel products	137.3	139.4	154.9	-2.1	-17.6
3312	Blast furnaces & steel mills	125.7	127.1	141.9	-1.4	-16.2
	Other basic steel products	11.6	12.3	13.0	-0.7	-1.4
332	Iron & steel foundries	18.6	19.3	20.5	-0.7	-1.9
3321	Gray iron foundries	7.0	7.4	8.1	-0.4	-1.1
3325	Steel foundries, n.e.c.	7.3	7.5	7.3	-0.2	0.0
3322,4	Malleable iron & steel invest.	4.3	4.4	5.1	-0.1	-0.8
335	Nonferrous rolling & drawing	11.6	11.9	13.3	-0.3	-1.7
336	Nonferrous foundries	7.3	7.3	7.6	0.0	-0.3
	Other primary metal products	8.0	8.1	10.5	-0.1	-2.5
34	Fabricated metal products,(incl. ordnance)	108.6	111.1	114.7	-2.5	-6.1
341	Metal cans & shipping containers	4.7	4.6	5.1	0.1	-0.4
342	Cutlery, hand tools & hardware	6.7	7.1	7.5	-0.4	-0.8
343	Plumbing & heating exc. electrical	3.3	3.4	3.0	-0.1	0.3
344	Fabricated structural metal products	36.1	36.6	36.5	-0.5	-0.4
3441	Fabricated structural metal	9.3	9.3	9.6	0.0	-0.3
3443	Fabricated plate work (boiler shops)	11.1	11.4	11.0	-0.3	0.1
	Other fabricated struct. metal products	15.7	15.9	15.9	-0.2	-0.2
345	Screw machine products, bolts, etc.	8.2	8.4	9.3	-0.2	-1.1
346	Metal forgings & stampings	19.2	20.0	20.3	-0.8	-1.1
3462	Iron & steel forgings	5.9	6.2	6.4	-0.3	-0.5
	Other metal forgings & stampings	13.3	13.8	13.9	-0.5	-0.6
347,8	Metal services & ordnance, n.e.c.	7.7	7.6	8.4	0.1	-0.7
349	Misc. fabricated metal products	22.7	23.4	24.6	-0.7	-1.9
3494	Valves & pipe fittings	10.8	11.1	10.9	-0.3	-0.1
	Other misc. fabricated metal products	11.9	12.3	13.7	-0.4	-1.8
35	Machinery, exc. electrical	141.2	144.8	142.9	-3.6	-1.7
351	Engines & turbines	6.1	7.2	7.4	-1.1	-1.3
352	Farm & garden machinery	4.9	4.9	4.5	0.0	0.4
353	Construction & related machinery	24.5	25.2	25.9	-0.7	-1.4
3531	Construction machinery	9.0	9.3	9.6	-0.3	-0.6
3535	Conveyors & conveying equipment	3.0	3.2	3.5	-0.2	-0.5
	Other construction & related machinery	12.5	12.7	12.8	-0.2	-0.3
354	Metal working machinery	24.3	24.6	23.6	-0.3	0.7
355	Special industry machinery	13.1	13.8	13.2	-0.7	-0.1
356	General industrial machinery	29.1	29.6	29.4	-0.5	-0.3
3561	Pumps & pumping equipment	3.9	3.9	4.0	0.0	-0.1
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.3	5.3	5.2	0.0	0.1
3567	Industrial furnaces & ovens	4.0	3.9	4.0	0.1	0.0
	Other general industrial machinery	11.6	12.2	11.8	-0.6	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.) Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
357	Office and computing machines	13.5	13.2	12.8	0.3	0.7
358	Refrigeration & service industry machinery	11.4	11.3	11.4	0.1	0.0
359	Misc. machinery, exc. electrical	14.3	15.0	14.7	-0.7	-0.4
36	Electric & electronic equipment	121.4	123.4	129.1	-2.0	-7.7
361	Electric distributing equipment	18.4	18.2	20.3	0.2	-1.9
3612	Transformers	6.2	6.1	6.7	0.1	-0.5
3613	Switchgear & switchboard apparatus	12.2	12.1	13.6	0.1	-1.4
362	Electrical industrial apparatus	22.6	23.7	24.5	-1.1	-1.9
363	Household appliances	4.0	4.2	4.6	-0.2	-0.6
364	Electric lighting & wiring equipment	21.2	21.6	22.5	-0.4	-1.3
3643	Current-carrying wiring devices	11.4	11.5	11.2	-0.1	0.2
	Other electric light & wiring equipment	9.8	10.1	11.3	-0.3	-1.5
366	Communication equipment	9.0	9.3	8.9	-0.3	0.1
367	Electronic components & accessories	35.2	35.9	36.8	-0.7	-1.6
3674	Semiconductors & related devices	12.1	12.4	11.9	-0.3	0.2
	Other electronic components & accessories	23.1	23.5	24.9	-0.4	-1.8
	Other electrical equipment & supplies	11.0	10.5	11.5	0.5	-0.5
37	Transportation equipment	77.8	80.9	88.5	-3.1	-10.7
371	Motor vehicles & equipment	25.1	26.7	32.3	-1.6	-7.8
3714	Motor vehicle parts & accessories	9.4	11.0	12.7	-1.6	-3.3
	Other motor vehicles & equipment	15.7	15.7	20.2	0.0	-4.5
372	Aircraft & parts	11.1	11.2	11.7	-0.1	-0.6
373	Ship & boat building & repairing	8.0	7.7	7.7	0.3	0.3
374	Railroad equipment	21.0	22.8	23.7	-1.8	-2.7
	Other transportation equipment	12.6	12.5	12.5	0.1	0.1
38	Instruments & related products	42.3	42.8	43.4	-0.5	-1.1
382	Measuring & controlling devices	23.0	23.2	23.7	-0.2	-0.7
384	Medical instruments & supplies	11.5	11.6	11.9	-0.1	-0.4
	Other instruments & related products	7.8	8.0	7.8	-0.2	0.0
39	Miscellaneous manufacturing industries	23.8	24.1	26.9	-0.3	3.1
	TOTAL NONDURABLE GOODS	510.0	527.8	535.2	-17.8	-25.2
20	Food & kindred products	99.6	98.5	99.9	1.1	-0.3
201	Meat products	17.4	16.9	16.5	0.5	0.9
2011	Meat packing plants	5.6	5.3	5.2	0.3	0.4
2013	Sausages & other prepared meats	5.7	5.8	5.8	-0.1	-0.1
2016,7	Poultry dressing & processing	6.1	5.8	5.5	0.3	0.6
202	Dairy products	12.5	12.5	12.2	0.0	0.3
2026	Fluid milk	7.0	6.9	7.1	0.1	-0.1
	Other dairy products	5.5	5.6	5.1	-0.1	0.4
203	Preserved fruits & vegetables	11.3	10.8	12.5	0.5	-1.2
2033	Canned fruits & vegetables	4.3	4.0	5.0	0.3	-0.7
	Other preserved fruits & vegetables	7.0	6.8	7.5	0.2	-0.5
204	Grain mill products	5.1	5.1	4.9	0.0	0.2
205	Bakery products	19.6	19.7	19.8	-0.1	-0.2
2051	Bread, cake & related products	14.8	14.8	15.1	0.0	-0.3
2052	Cookies & crackers	4.8	4.9	4.7	-0.1	0.1
206	Sugar & confectionery products	15.2	14.8	15.5	0.4	-0.3
2065	Confectionery products	5.8	5.7	6.2	0.1	-0.4
2066	Chocolate & cocoa products	6.3	5.9	6.0	0.4	0.3
	Other sugar products	3.1	3.2	3.3	-0.1	-0.2
208	Beverages	10.2	10.1	9.9	0.1	0.3
	Other food & kindred products	8.3	8.6	8.6	-0.3	-0.3
21	Tobacco manufacturers	3.0	3.1	3.6	-0.1	-0.6
22	Textile mill products	44.2	46.2	47.6	-2.0	-3.4
222	Weaving mills, snythetics	4.4	4.6	4.5	-0.2	-0.1
225	Knitting mills	23.9	24.7	24.5	-0.8	-0.6
2253	Knit outerwear mills	12.7	12.8	13.0	-0.1	-0.3
2254	Knit underwear mills	4.6	4.9	4.8	-0.3	-0.2
	Other knitting mills	6.6	7.0	6.7	-0.4	-0.1
227	Floor covering mills	3.0	3.1	3.9	-0.1	-0.9
228	Yarn & thread mills	3.8	4.2	4.8	-0.4	-1.0
	Other textile mill products	9.1	9.6	9.9	-0.5	-0.8

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.) Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
23	Apparel & other textile products	116.3	125.0	127.1	-8.7	-10.8
231	Men's & boys' suits & coats	14.6	15.5	15.1	-0.9	-0.5
232	Men's & boys' furnishings	23.6	25.0	24.3	-1.4	-0.7
2321	Men's & boys' shirts & nightwear	8.5	8.8	9.2	-0.3	-0.7
2327	Men's & boys' separate trousers	5.6	6.3	5.9	-0.7	-0.3
	Other furnishings and work clothing	9.5	9.9	9.2	-0.4	0.3
233	Women's & misses' outerwear	50.2	55.3	57.9	-5.1	-7.7
234	Women's & children's undergarments	9.4	9.9	9.6	-0.5	-0.2
236	Children's outerwear	7.1	7.4	7.6	-0.3	-0.5
	Other apparel & textile products	11.4	11.9	12.6	-0.5	-1.2
26	Paper & allied products	42.5	44.3	45.1	-1.8	-2.6
262	Paper mills exc. building paper	12.3	12.6	12.4	-0.3	-0.1
265	Paper board containers & boxes	13.5	14.3	15.1	-0.8	-1.6
2653	Corrugated & solid fiber boxes	7.2	7.5	7.9	-0.3	-0.7
	Other paperboard containers	6.3	6.8	7.2	-0.5	-0.9
	Other paper & allied products	16.7	17.4	17.6	-0.7	-0.9
27	Printing & publishing	72.5	74.4	72.2	-1.9	0.3
271	Newspapers	26.3	26.5	25.8	-0.2	0.5
273	Books	7.5	8.1	7.7	-0.6	-0.2
275	Commercial printing	20.8	21.2	20.6	-0.4	0.2
2752	Lithographing	10.8	10.8	10.3	0.0	0.5
	Other commercial printing	10.0	10.4	10.3	-0.4	-0.3
276	Manifold business forms	3.6	3.7	3.9	-0.1	-0.3
	Other printing & publishing	14.3	14.9	14.2	-0.6	0.1
28	Chemicals & allied products	61.1	62.5	62.0	-1.4	-0.9
281	Industrial inorganic chemicals	11.0	11.6	11.2	-0.6	-0.2
282	Plastic materials & synthetics	8.6	8.8	8.9	-0.2	-0.3
283	Drugs	18.2	18.1	17.2	0.1	1.0
284	Soap, cleaners & toilet goods	3.1	3.2	3.2	-0.1	-0.1
285	Paints & allied products	4.2	4.4	4.6	-0.2	-0.4
	Other chemicals & allied products	16.0	16.4	16.9	-0.4	-0.9
29	Petroleum & coal products	17.3	17.6	18.1	-0.3	-0.8
291	Petroleum refining	13.5	13.6	13.7	-0.1	-0.2
	Other petroleum & coal products	3.8	4.0	4.4	-0.2	-0.6
30	Rubber & misc. plastics products	37.2	38.6	42.6	-1.4	-5.4
301	Tires & inner tubes	5.1	5.3	8.2	-0.2	-3.1
306	Fabricated rubber products, nec	5.0	5.1	5.6	-0.1	-0.6
	Other rubber & plastic products, nec	27.1	28.2	28.8	-1.1	-1.7
31	Leather & leather products	16.3	17.6	17.0	-1.3	-0.7
314	Footwear, exc. rubber	12.9	14.0	13.1	-1.1	-0.2
3143	Men's footwear, exc. athletic	4.9	5.4	5.0	-0.5	-0.1
3144	Women's footwear, exc. athletic	4.3	4.7	4.3	-0.4	0.0
	Other footwear	3.7	3.9	3.8	-0.2	-0.1
	Other leather & leather products	3.4	3.6	3.9	-0.2	-0.5

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
TOTAL MANUFACTURING INDUSTRIES	$287.65	$287.98	$277.31	38.2	38.5	39.9	$7.53	$7.48	$6.95
TOTAL DURABLE GOODS	321.92	324.14	313.65	38.6	39.1	41.0	8.34	8.29	7.65
Lumber & wood products	215.73	218.23	198.74	38.8	38.9	39.2	5.56	5.61	5.07
Millwork, plywood & structural	207.27	212.04	200.97	36.3	37.2	38.5	5.71	5.70	5.22
Other lumber & wood products	220.00	221.13	198.00	40.0	39.7	39.6	5.50	5.57	5.00
Furniture & fixtures	237.70	244.51	214.06	38.4	39.5	38.5	6.19	6.19	5.56
Household furniture	205.50	216.67	186.47	37.5	38.3	37.9	5.48	5.57	4.92
Office furniture	257.79	256.47	225.82	39.0	38.8	37.7	6.61	6.61	5.99
Other furniture & fixtures	270.87	282.36	251.69	39.2	41.1	40.4	6.91	6.87	6.23
Stone, clay & glass products	296.82	307.97	305.15	38.8	40.1	42.5	7.65	7.68	7.18
Glass & glassware, pressed or blown	238.65	258.75	286.40	33.1	35.3	40.0	7.21	7.33	7.16
Glass containers	220.29	236.22	300.29	29.1	31.0	40.8	7.57	7.62	7.36
Other pressed or blown glass	256.41	281.16	269.49	37.0	39.6	39.0	6.93	7.10	6.91
Hydraulic cement	457.06	474.01	395.04	43.2	44.3	40.6	10.58	10.70	9.73
Structural clay products	243.20	252.50	256.07	37.3	38.2	40.2	6.52	6.61	6.37
Pottery & related products	249.12	276.19	262.70	36.0	38.9	42.1	6.92	7.10	6.24
Concrete, gypsum & plaster prods.	296.33	302.12	298.80	40.9	41.5	45.0	7.26	7.28	6.64
Other stone, clay & glass prods.	360.74	361.62	341.71	44.1	44.7	45.2	8.18	8.09	7.56
Primary metal industries	386.23	388.69	397.00	36.3	36.6	42.1	10.64	10.62	9.43
Blast furnace & basic steel prods.	410.42	414.78	429.77	34.9	35.3	42.3	11.76	11.75	10.16
Blast furnaces & steel mills	413.32	419.69	436.96	34.3	34.8	42.3	12.05	12.06	10.33
Other basic steel products	374.54	367.02	356.97	40.8	40.6	42.7	9.18	9.04	8.36
Iron & steel foundries	305.36	304.59	291.05	38.8	39.0	40.2	7.87	7.81	7.24
Gray iron foundries	298.50	290.86	284.12	39.8	39.2	40.3	7.50	7.42	7.05
Steel foundries, n.e.c.	308.56	309.99	296.68	38.0	38.7	40.2	8.12	8.01	7.38
Malleable iron & steel invest.	311.85	318.24	292.87	38.5	39.0	39.9	8.10	8.16	7.34
Nonferrous rolling & drawing	324.38	318.76	296.12	40.7	40.4	40.9	7.97	7.89	7.24
Nonferrous foundries	296.50	292.45	282.51	42.6	41.6	43.0	6.96	7.03	6.57
Other primary metal products	350.40	336.77	313.11	43.8	42.9	42.6	8.00	7.85	7.35
Fabricated metal prods., incl. ordn.	301.78	302.12	282.80	39.5	39.7	40.0	7.64	7.61	7.07
Metal cans & shipping containers	354.50	348.17	344.86	40.7	39.7	43.0	8.71	8.77	8.02
Cutlery, hand tools & hardware	247.59	253.20	222.85	39.3	40.0	37.9	6.30	6.33	5.88
Plumbing & heating exc. electrical	289.76	283.14	273.46	40.3	39.6	42.2	7.19	7.15	6.48
Fabricated structural metal prods.	298.96	296.61	273.23	40.4	40.3	40.3	7.40	7.36	6.78
Fabricated struct. metal	289.08	284.97	265.52	36.0	35.4	34.8	8.03	8.05	7.63
Fab. plate work (boiler shops)	289.28	298.66	292.07	39.9	40.8	42.7	7.25	7.32	6.84
Other fab. struct. metal prods.	310.61	302.60	264.81	43.2	42.8	41.9	7.19	7.07	6.32
Screw machine products, bolts, etc.	277.15	277.38	257.02	38.6	39.4	39.3	7.18	7.04	6.54
Metal forgings & stampings	360.05	367.23	348.71	38.1	39.7	40.5	9.45	9.25	8.61
Iron & steel forgings	319.16	320.37	282.63	39.5	40.4	39.2	8.08	7.93	7.21
Other metal forgings & stampings	376.00	386.12	371.37	37.6	39.4	40.9	10.00	9.80	9.08
Metal services & ordnance, n.e.c.	270.58	290.17	250.04	39.5	41.1	37.6	6.85	7.06	6.65
Misc. fabricated metal products	279.10	272.97	268.00	39.2	38.5	40.0	7.12	7.09	6.70
Valves & pipe fittings	296.02	269.56	268.52	41.0	37.7	40.5	7.22	7.15	6.63
Other misc. fab. metal products	265.03	275.26	268.37	37.7	39.1	39.7	7.03	7.04	6.76
Machinery, exc. electrical	226.83	332.07	303.99	40.3	41.2	41.7	8.11	8.06	7.29
Engines & turbines	350.34	351.82	240.80	39.1	41.1	35.0	8.96	8.56	6.88
Farm & garden machinery	359.92	430.58	363.48	41.9	46.2	46.6	8.59	9.32	7.80
Construction & related machinery	327.99	329.22	312.62	39.0	39.1	40.6	8.41	8.42	7.70
Construction machinery	327.36	326.31	317.97	36.7	36.5	40.3	8.92	8.94	7.89
Conveyors & conveying equipment	303.67	310.78	237.27	39.8	40.1	36.9	7.63	7.75	6.43
Other constr. & related mach.	331.30	334.14	318.78	40.7	41.1	41.4	8.14	8.13	7.70
Metal working machinery	326.14	330.40	304.21	39.2	40.0	40.4	8.32	8.26	7.53
Special industry machinery	322.51	320.58	280.53	41.4	41.1	39.4	7.79	7.80	7.12
General industrial machinery	350.04	349.62	326.19	43.7	44.2	44.5	8.01	7.91	7.33
Pumps & pumping equipment	344.63	322.32	304.26	42.6	40.8	42.2	8.09	7.90	7.21
Ball & roller bearings	319.55	322.29	327.96	40.5	40.9	44.2	7.89	7.88	7.42
Air & gas compressors	410.40	389.28	369.89	48.0	48.0	48.1	8.55	8.11	7.37
Industrial furnaces & ovens	297.52	310.47	297.52	37.9	39.4	40.7	7.85	7.88	7.31
Other general industrial mach.	353.36	359.20	327.94	44.9	45.7	44.8	7.87	7.86	7.32
Office and computing machines	347.53	366.63	355.41	38.7	41.9	45.8	8.98	8.75	7.76
Refrigeration & serv. ind. mach.	243.24	267.15	238.16	34.6	39.0	39.3	8.03	6.85	6.06
Misc. machinery, exc. electrical	314.77	306.64	295.58	41.2	40.4	42.9	7.64	7.59	6.89

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.) Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
Electrical & electronic equipment	$285.65	$277.14	$259.24	39.4	39.2	39.7	$7.25	$7.07	$6.53
Electric distributing equipment	385.00	334.03	299.92	43.9	40.1	38.5	8.77	8.33	7.79
Transformers	397.13	309.50	218.04	45.7	37.2	31.6	8.69	8.32	6.90
Switchgear & switchbrd apparatus	378.38	346.53	341.88	42.9	41.6	42.0	8.82	8.33	8.14
Electrical industrial apparatus	265.41	278.07	267.18	37.7	39.0	39.7	7.04	7.13	6.73
Household appliances	253.45	265.56	246.89	37.0	39.4	38.1	6.85	6.74	6.48
Electric lighting & wiring equip.	251.08	255.27	244.42	37.7	38.1	40.2	6.66	6.70	6.08
Current-carrying wiring devices	264.48	271.96	270.86	38.0	39.3	43.2	6.96	6.92	6.27
Other elect light & wirng equip.	248.63	241.89	228.43	37.5	37.1	38.4	6.63	6.52	5.95
Communication equipment	290.24	323.82	286.41	40.2	42.0	38.6	7.22	7.71	7.42
Electronic components & access.	286.44	270.80	254.41	40.4	40.0	41.3	7.09	6.77	6.16
Semiconductors & related devices	372.78	333.30	315.59	41.1	40.4	41.8	9.07	8.25	7.55
Other electronic comp.& access.	244.61	239.60	226.87	40.1	39.8	41.1	6.10	6.02	5.52
Other electrical equip. & supplies	234.79	233.05	218.45	35.9	36.3	36.9	6.54	6.42	5.92
Transportation equipment	340.66	353.70	334.55	37.6	39.3	40.7	9.06	9.00	8.22
Motor vehicles & equipment	358.16	358.33	353.83	37.9	37.6	40.3	9.45	9.53	8.78
Motor vehicle parts & access.	355.74	378.67	353.94	38.5	39.2	41.3	9.24	9.66	8.57
Other motor vehicles & equip.	359.63	341.58	354.12	37.5	36.3	39.7	9.59	9.41	8.92
Aircraft & parts	359.98	345.66	341.40	41.0	40.1	40.6	8.78	8.62	7.67
Ship & boat building & repairing	361.46	374.79	326.19	38.7	40.3	41.5	9.34	9.30	7.86
Railroad equipment	364.88	367.75	349.16	38.9	39.5	40.6	9.38	9.31	8.60
Other transportation equipment	198.75	291.75	286.38	29.1	42.1	43.0	6.83	6.93	6.66
Instruments & related products	276.44	277.41	258.93	39.1	39.8	41.1	7.07	6.97	6.30
Measuring & controlling devices	314.07	309.01	282.67	42.1	42.1	42.7	7.46	7.34	6.62
Medical instruments & supplies	228.68	240.64	223.05	35.4	37.6	39.2	6.46	6.40	5.69
Other instruments & related prods.	234.91	239.44	241.92	35.7	36.5	39.4	6.58	6.56	6.14
Misc. manufacturing industries	276.62	265.58	251.93	40.8	40.3	39.8	6.78	6.59	6.33
TOTAL NONDURABLE GOODS	236.76	234.62	221.37	37.7	37.6	38.3	6.28	6.24	5.78
Food & kindred products	277.41	274.72	253.49	39.8	39.7	40.3	6.97	6.92	6.29
Meat products	277.89	276.86	278.86	40.1	40.3	43.1	6.93	6.87	6.47
Meat packing plants	318.67	316.52	318.12	39.1	38.6	44.0	8.15	8.20	7.23
Sausages & other prepared meats	314.26	301.27	317.18	38.0	37.8	41.9	8.27	7.97	7.57
Poultry dressing & processing	215.90	224.18	207.41	42.5	43.7	43.3	5.08	5.13	4.79
Dairy products	280.69	280.48	263.97	41.4	41.8	41.9	6.78	6.71	6.30
Fluid milk	294.27	290.75	261.70	41.8	41.3	40.7	7.04	7.04	6.43
Other dairy products	271.67	274.07	265.59	41.1	42.1	42.7	6.61	6.51	6.22
Preserved fruits & vegetables	230.78	226.49	214.88	36.4	35.5	38.1	6.34	6.38	5.64
Canned fruits & vegetables	191.48	186.70	186.35	34.5	33.7	37.8	5.55	5.54	4.93
Other preserved fruits & vegs.	256.06	251.76	234.78	37.6	36.7	38.3	6.81	6.86	6.13
Grain mill products	318.28	313.63	269.37	43.9	43.2	41.0	7.25	7.26	6.57
Bakery products	272.83	266.40	237.79	40.3	40.0	39.5	6.77	6.66	6.02
Bread, cake & related products	269.50	264.21	235.85	39.4	39.2	38.6	6.84	6.74	6.11
Cookies & crackers	280.93	270.22	241.95	42.5	41.7	41.5	6.61	6.48	5.83
Sugar & confectionery products	267.86	265.35	245.15	37.1	36.6	37.6	7.22	7.25	6.52
Confectionery products	217.85	217.41	213.30	34.8	34.4	36.4	6.26	6.32	5.86
Chocolate & cocoa products	292.79	297.14	256.12	39.3	39.2	38.0	7.45	7.58	6.74
Other sugar products	326.32	308.65	295.89	37.9	36.7	39.4	8.61	8.41	7.51
Beverages	360.18	365.06	340.13	41.4	42.4	43.0	8.70	8.61	7.91
Other food & kindred products	250.14	249.23	207.95	41.9	42.1	40.3	5.97	5.92	5.16
Tobacco manufacturers	170.60	165.56	142.85	39.4	37.8	37.2	4.33	4.38	3.84
Textile mill products	185.71	190.40	178.31	37.9	38.7	38.1	4.90	4.92	4.68
Weaving mills, snythetics	209.07	224.33	211.03	41.4	43.9	44.9	5.05	5.11	4.70
Knitting mills	176.43	182.02	163.35	37.3	38.4	35.9	4.73	4.74	4.55
Knit outerwear mills	178.02	180.03	158.55	37.4	37.9	35.0	4.76	4.75	4.53
Knit underwear mills	149.80	151.95	143.24	34.2	34.3	34.6	4.38	4.43	4.14
Other knitting mills	194.43	208.25	189.24	39.2	42.5	39.1	4.96	4.90	4.84
Floor covering mills	233.84	234.72	233.78	37.9	36.0	40.1	6.17	6.52	5.83
Yarn & thread mills	170.11	175.48	166.63	36.9	37.1	39.3	4.61	4.73	4.24
Other textile mill products	195.07	191.76	190.30	38.4	38.2	39.4	5.08	5.02	4.83

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.) Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
Apparel & other textile products	$154.51	$153.73	$145.25	33.3	32.5	33.7	$4.64	$4.73	$4.31
Men's & boys' suits & coats	199.82	202.21	186.02	36.8	36.5	35.5	5.43	5.54	5.24
Men's & boys' furnishings	156.20	153.65	149.74	35.5	35.0	36.7	4.40	4.39	4.08
Men's & boys' shirts & nightwear	154.07	150.25	149.35	35.5	34.7	37.3	4.34	4.33	4.02
Men's & boys' separate trousers	177.64	173.06	152.99	35.6	33.8	32.9	4.99	5.12	4.65
Other furnishings & wrk. clothng	145.55	144.76	147.07	35.5	36.1	38.4	4.10	4.01	3.83
Women's & misses' outerwear	146.17	145.50	137.37	31.3	30.0	31.5	4.67	4.85	4.38
Women's & children's undergarments	125.12	129.23	130.90	32.0	32.8	35.0	3.91	3.94	3.74
Children's outerwear	148.68	144.90	132.14	31.3	30.0	33.2	4.75	4.80	3.98
Other apparel & textile products	156.47	154.70	140.65	35.4	35.0	34.9	4.42	4.42	4.03
Paper & allied products	305.36	306 75	295.68	44.0	44.2	44.8	6.94	6.94	6.60
Paper mills exc. building paper	405.92	400.16	372.46	47.2	47.3	45.7	8.60	8.46	8.15
Paper board containers & boxes	290.79	281.47	274.21	40.5	39.7	41.8	7.18	7.09	6.56
Corrugated & solid fiber boxes	285.29	276.95	275.49	38.5	38.2	39.3	7.41	7.25	7.01
Other paperboard containers	297.46	285.80	272.27	42.8	41.3	44.2	6.95	6.92	6.16
Other paper & allied products	262.93	275.22	275.23	45.1	46.1	47.3	5.83	5.97	5.82
Printing & publishing	275.40	274.82	265.27	36.0	36.4	37.1	7.65	7.55	7.15
Newspapers	289.62	289.07	279.07	32.8	32.7	34.2	8.83	8.84	8.16
Books	222.77	219.37	210.73	35.7	36.2	35.9	6.24	6.06	5.87
Commercial printing	292.47	292.21	284.36	37.4	37.9	38.9	7.82	7.71	7.31
Lithographing	275.66	271.95	263.15	35.8	36.7	36.6	7.70	7.41	7.19
Other commercial printing	310.06	313.60	304.96	39.1	39.2	41.1	7.93	8.00	7.42
Manifold business forms	295.74	293.78	270.13	38.2	39.7	38.1	7.48	7.40	7.09
Other printing & publishing	263.84	264.83	258.78	36.9	37.3	38.0	7.15	7.10	6.81
Chemicals & allied products	318.77	317.83	293.57	40.3	40.8	41.7	7.91	7.79	7.04
Industrial inorganic chemicals	330.65	342.50	298.74	42.5	43.3	42.8	7.78	7.91	6.98
Plastic materials & synthetics	310.18	325.22	300.35	38.2	40.3	41.2	8.12	8.07	7.29
Drugs	326.21	320.92	281.00	37.8	37.8	39.3	8.63	8.49	7.15
Soap, cleaners & toilet goods	269.45	270.76	258.74	39.8	40.9	41.8	6.77	6.62	6.19
Paints & allied products	277.51	267.14	271.48	37.3	36.1	40.1	7.44	7.40	6.77
Other chemicals & allied products	329.51	317.22	311.25	43.3	43.1	43.9	7.61	7.36	7.09
Petroleum & coal products	451.88	435.59	379.74	44.0	43.0	42.1	10.27	10.13	9.02
Petroleum refining	473.72	458.34	388.68	43.5	42.4	41.0	10.89	10.81	9.48
Other petroleum & coal products	369.38	355.95	346.84	46.0	45.0	46.0	8.03	7.91	7.54
Rubber & misc. plastics products	227.62	228.51	234.82	38.0	38.6	39.8	5.99	5.92	5.90
Tires & inner tubes	318.78	341.82	346.02	39.6	42.2	43.8	8.05	8.10	7.90
Fabricated rubber products, nec	290.76	279.04	277.06	42.2	41.4	43.7	6.89	6.74	6.34
Other rubber & plastic prods., nec	205.34	204.33	197.74	37.2	37.7	38.1	5.52	5.42	5.19
Leather & leather products	173.31	175.56	159.56	38.6	39.1	39.3	4.49	4.49	4.06
Footwear, exc. rubber	162.21	162.69	144.36	37.9	38.1	37.4	4.28	4.27	3.86
Men's footwear, exc. athletic	187.33	183.87	154.05	40.2	40.5	39.5	4.66	4.54	3.90
Women's footwear, exc. athletic	145.96	148.67	142.85	36.4	36.8	37.2	4.01	4.04	3.84
Other footwear	147.83	148.73	134.75	36.5	36.1	35.0	4.05	4.12	3.85
Other leather & leather products	216.52	227.66	188.72	41.4	43.2	42.6	5.23	5.27	4.43
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	356.75	385.58	319.09	43.4	46.4	40.7	8.22	8.31	7.84
Bituminous coal & lignite mining	330.99	338.32	311.35	29.9	30.1	29.4	11.07	11.24	10.59
Nonmetallic minerals, exc. fuels	347.27	348.30	342.49	45.1	45.0	47.7	7.70	7.74	7.18
Communication	356.13	345.46	326.75	40.7	39.8	41.1	8.75	8.68	7.95
Electric, gas, & sanitary services	439.45	431.97	379.68	46.7	46.2	44.2	9.41	9.35	8.59
Electric services	470.40	467.92	391.46	49.0	49.1	46.0	9.60	9.53	8.51
Gas production & distribution	404.89	393.07	328.80	46.7	45.6	42.1	8.67	8.62	7.81
General merchandise stores	138.81	136.27	130.38	28.1	27.2	28.1	4.94	5.01	4.64
Banking	183.01	180.88	169.61	NA	NA	NA	NA	NA	NA
Insurance carriers	225.47	224.59	204.38	NA	NA	NA	NA	NA	NA
Life insurance	209.63	210.33	189.32	NA	NA	NA	NA	NA	NA
Fire, marine & casualty insurance	224.66	223.03	208.39	NA	NA	NA	NA	NA	NA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr.	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	288.73	38.6	7.48	326.19	39.3	8.30	232.74	37.6	6.19	392.99	36.9	10.65
Jun.	287.97	38.5	7.48	324.14	39.1	8.29	234.62	37.6	6.24	388.69	36.6	10.62
Jul.	287.65	38.2	7.53	321.92	38.6	8.34	236.76	37.7	6.28	386.23	36.3	10.64

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.34	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	232.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar.	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr.	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	303.96	40.1	7.58	332.86	41.4	8.04	278.78	39.6	7.04	356.69	39.5	9.03
Jun.	302.12	39.7	7.61	332.07	41.2	8.06	277.14	39.2	7.07	353.70	39.3	9.00
Jul.	301.78	39.5	7.64	326.83	40.3	8.11	285.65	39.4	7.25	340.66	37.6	9.06

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr.	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	273.34	39.5	6.92	190.02	38.7	4.91	150.94	32.6	4.63	277.84	36.8	7.55
Jun.	274.72	39.7	6.92	190.40	38.7	4.92	153.73	32.5	4.73	274.82	36.4	7.55
Jul.	277.41	39.8	6.97	185.71	37.9	4.90	154.51	33.3	4.64	275.40	36.0	7.65

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(1967 = 100)
Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 - Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS
(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
MANUFACTURING	925.9	958.4	996.5	35,376.0	36,888.2	39,793.5	266,468.0	270,053.7	276,796.3
DURABLE GOODS	556.4	572.0	609.4	21,455.0	22,370.6	24,987.6	179,033.0	185,446.0	191,167.1
NONDUR. GOODS	369.5	386.4	387.1	13,921.0	14,517.6	14,805.9	87,435.0	90,607.7	85,629.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,349.0	824.4	21.9	19.2	60.9	192.5	112.7	144.8
Jun.	1,342.2	814.4	21.6	19.2	60.5	186.0	111.1	144.8
Jul.	1,307.3	797.3	21.0	18.6	59.8	182.8	108.6	141.2

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	124.2	80.8	42.8	24.6	524.6	97.5	3.1	46.4
Jun.	123.4	80.9	42.8	24.1	527.8	98.5	3.1	46.2
Jul.	121.4	77.8	42.3	23.8	510.0	99.6	3.0	44.2

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.1	55.4	43.5	74.0	62.5	16.8	38.2	17.5
Jun.	125 0	55.3	44.3	74.4	62.5	17.6	38.6	17.6
Jul.	116.3	50.2	42.5	72.5	61.1	17.3	37.2	16.3

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)
1967 = 100

Industry Group	1980		1979	1978	ANNUAL AVERAGE	
	JULY	JUNE	JULY	JULY	1979	1978
EMPLOYMENT						
All Manufacturing	84.0	86.2	89.7	88.3	89.3	87.9
Primary Metals	71.3	72.6	80.7	79.2	79.3	77.7
Apparel	64.8	69.6	70.8	74.8	71.7	75.3
All Nonmanufacturing	131.0	133.3	132.3	130.3	131.8	128.5
Construction	117.9	117.6	125.0	123.2	113.4	109.6
Retail Trade	126.5	128.7	130.0	131.6	130.9	131.0
Services	160.8	162.8	158.1	150.6	157.1	148.1
Government	125.6	130.1	125.1	126.7	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

JUNE 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	1,342.2	3.3	2.8	3.6	1.5	1.4	2.6	1.4	1.1	0.7
ALLENTOWN-BETHLEHEM-EASTON	110.6	2.8	2.3	3.1	1.4	1.4	2.2	1.1	0.8	0.7
ALTOONA	13.5	2.3	2.4	2.6	1.1	0.9	1.3	0.9	1.3	1.2
ERIE	42.4	2.9	2.7	3.7	1.2	1.3	2.3	0.9	0.9	0.9
HARRISBURG	42.4	2.4	2.7	4.2	1.7	1.9	3.6	0.5	0.6	0.3
JOHNSTOWN	18.9	1.4	2.7	2.4	0.6	0.8	1.0	0.8	1.2	1.3
LANCASTER	58.6	3.6	2.6	4.6	2.5	1.6	4.1	0.8	0.9	0.3
NORTHEAST	72.5	3.5	3.3	3.9	2.0	1.6	2.3	1.3	1.3	1.4
SCRANTON	27.8	3.3	3.0	3.8	1.6	1.5	1.9	1.6	1.5	1.8
WILKES-BARRE-HAZLETON	39.4	3.1	4.2	3.2	1.7	2.1	1.9	1.1	1.9	1.0
PHILADELPHIA	446.7	3.5	2.9	3.7	2.0	1.8	2.7	1.2	0.9	0.7
PITTSBURGH	242.6	3.2	2.6	2.8	0.9	0.9	2.1	1.9	1.3	0.4
READING	51.9	2.8	2.8	3.4	1.6	1.5	2.5	1.0	1.1	0.8
WILLIAMSPORT	16.8	1.8	1.9	2.3	0.9	0.8	1.4	0.8	1.0	0.6
YORK	64.7	2.8	2.5	4.1	1.5	1.4	3.2	1.1	1.0	0.7

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	1,342.2	3.8	4.1	2.8	0.7	0.8	1.2	3.5	2.7	1.0
ALLENTOWN-BETHLEHEM-EASTON	110.6	3.1	3.7	2.5	0.6	0.7	1.1	1.9	2.4	0.8
ALTOONA	13.5	3.4	2.1	1.2	0.7	0.5	0.8	2.3	1.4	0.1
ERIE	42.4	3.3	3.2	2.2	0.5	1.7	1.0	2.1	1.8	0.4
HARRISBURG	42.4	2.9	3.2	2.4	1.0	1.0	1.4	1.4	1.5	0.2
JOHNSTOWN	18.9	1.3	3.9	2.5	0.3	0.5	0.7	0.1	2.7	0.7
LANCASTER	58.6	2.4	3.0	3.4	1.1	1.1	2.1	0.8	1.3	0.7
NORTHEAST	72.5	4.7	4.9	3.6	1.0	0.9	1.3	3.1	3.3	1.9
SCRANTON	27.8	5.1	4.3	4.3	1.2	1.1	1.2	3.5	2.7	2.7
WILKES-BARRE-HAZLETON	39.4	3.3	5.0	2.4	0.6	0.9	1.2	2.2	3.3	0.9
PHILADELPHIA	446.7	3.6	3.7	3.1	0.9	1.0	1.2	1.9	2.0	1.0
PITTSBURGH	242.6	4.9	5.1	2.0	0.3	0.4	0.6	4.0	4.0	0.7
READING	51.9	3.2	3.6	3.1	0.8	0.9	1.5	1.9	2.1	1.0
WILLIAMSPORT	16.8	1.4	2.6	1.9	0.4	0.5	0.6	0.7	1.8	0.9
YORK	64.7	2.8	4.1	3.7	0.9	1.1	2.0	1.5	2.5	1.2

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
PENNSYLVANIA	$287.65	$287.98	$277.31	38.2	38.5	39.9	$7.53	$7.48	$6.95
ALLENTOWN-BETHLEHEM-EASTON	303.77	296.40	278.74	38.5	38.0	38.5	7.89	7.80	7.24
ALTOONA	243.43	247.21	237.16	37.8	37.8	39.2	6.44	6.54	6.05
ERIE	311.85	308.56	282.40	40.5	40.6	40.4	7.70	7.60	6.99
HARRISBURG	282.43	280.80	265.74	39.5	40.0	41.2	7.15	7.02	6.45
JOHNSTOWN	324.75	313.77	302.30	37.5	36.4	40.2	8.66	8.62	7.52
LANCASTER	250.26	257.94	245.01	38.8	39.5	40.7	6.45	6.53	6.02
NORTHEAST	212.34	214.70	197.16	36.8	36.7	37.2	5.77	5.85	5.30
SCRANTON	204.89	206.07	197.11	36.2	35.9	38.2	5.66	5.74	5.16
WILKES-BARRE-HAZLETON	216.50	220.82	195.66	37.2	37.3	36.3	5.82	5.92	5.39
PHILADELPHIA	300.56	297.04	280.40	39.6	39.5	40.0	7.59	7.52	7.01
PITTSBURGH	350.74	347.00	349.42	38.5	38.3	41.4	9.11	9.06	8.44
READING	273.47	272.61	244.22	38.9	39.0	38.1	7.03	6.99	6.41
WILLIAMSPORT	276.67	269.01	236.74	39.3	39.1	38.0	7.04	6.88	6.23
YORK	258.90	268.27	255.23	38.7	40.1	41.3	6.69	6.69	6.18

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	July 1980		June 1980		July 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.9	7.8	7.8	7.7	5.8	5.7
PENNSYLVANIA	9.3	9.5	8.0	7.7	6.3	6.5
ALLENTOWN-BETH-EASTON	8.8	8.3	7.5	7.6	6.7	6.4
ALTOONA	10.2	10.6	8.6	8.5	7.4	7.6
ERIE	10.0	10.0	9.2	8.7	6.1	6.1
HARRISBURG	6.7	6.9	5.9	5.4	4.4	4.6
JOHNSTOWN	13.7	14.4	11.9	12.6	7.8	8.3
LANCASTER	6.4	6.7	6.0	5.5	4.1	4.3
NORTHEAST	12.2	11.4	9.6	9.6	9.6	9.0
SCRANTON	12.1	10.7	8.6	8.5	10.6	9.4
W BARRE-HAZLETON	12.7	12.1	10.4	10.4	9.2	8.8
PHILADELPHIA	7.9	7.9	7.2	6.5	6.5	6.4
PITTSBURGH	8.6	9.0	7.7	7.1	5.1	5.3
POTTSVILLE	13.1	-	10.1	-	9.7	-
READING	9.8	9.0	8.3	7.1	5.8	5.3
UNIONTOWN-CONNELLSVLE	16.0	-	12.1	-	7.6	-
WILLIAMSPORT	13.2	13.3	11.8	11.8	8.3	8.3
YORK	9.2	8.2	7.3	6.7	5.9	5.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun 1980	Jul. 1979
UNITED STATES	106,997.0	106,067.0	104,995.0	98,587.0	97,776.0	98,891.0	8,410.0	8,291.0	6,104.0
PENNSYLVANIA	5,417.0	5,396.0	5,387.0	4,915.0	4,963.0	5,047.0	502.0	433.0	340.0
ALLENTOWN-BETH-EASTON	307.6	307.0	303.0	280.6	284.0	282.7	27.0	23.1	20.4
ALTOONA	61.1	61.3	59.0	54.9	56.0	54.7	6.2	5.3	4.3
ERIE	129.0	129.6	127.4	116.1	117.7	119.7	12.9	11.9	7.7
HARRISBURG	222.1	220.2	223.0	207.3	207.1	213.3	14.8	13.0	9.7
JOHNSTOWN	111.0	111.6	111.3	95.8	98.3	102.6	15.2	13.3	8.7
LANCASTER	179.5	178.9	178.1	168.1	168.2	170.7	11.4	10.8	7.3
NORTHEAST	293.7	285.8	292.0	258.0	258.4	264.0	35.7	27.4	27.9
SCRANTON	108.3	104.3	109.0	95.2	95.3	97.4	13.1	9.0	11.6
W BARRE-HAZLETON	158.6	154.8	156.2	138.5	138.7	141.7	20.1	16.1	14.4
PHILADELPHIA	2,150.7	2,148.1	2,129.7	1,979.9	1,994.2	1,992.2	170.8	153.9	137.5
PITTSBURGH	1,025.3	1,027.8	1,031.3	936.7	949.0	978.9	88.5	78.8	52.4
POTTSVILLE	68.1	66.7	68.5	59.1	59.9	61.9	8.9	6.8	6.7
READING	154.3	155.2	152.3	139.1	142.4	143.5	15.2	12.8	8.8
UNIONTOWN-CONNELLSVLE	61.4	58.7	60.2	51.5	51.6	55.6	9.8	7.1	4.6
WILLIAMSPORT	53.6	53.3	52.5	46.5	47.0	48.2	7.1	6.3	4.3
YORK	175.2	175.2	174.5	159.0	162.4	164.2	16.1	12.8	10.3

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
UNITED STATES	89,735.0	89,973.0	90,018.0	73,566.0	73,748.0	74,659.0
PENNSYLVANIA	4,737.7	4,829.8	4,860.4	4,016.2	4,085.7	4,142.8
ALLENTOWN-BETHLEHEM-EASTON	262.5	267.0	263.6	233.2	236.8	234.3
ALTOONA	54.3	55.6	53.7	45.8	46.5	46.3
ERIE	116.1	117.9	119.0	101.4	102.8	104.7
HARRISBURG	217.2	217.6	222.0	162.5	162.8	166.5
JOHNSTOWN	86.4	89.2	92.3	71.6	73.1	76.6
LANCASTER	151.3	152.1	153.1	136.2	137.4	139.5
NORTHEAST	242.5	243.7	246.6	202.1	204.0	205.6
SCRANTON	85.7	86.6	86.2	73.4	74.9	73.3
WILKES-BARRE-HAZLETON	125.7	126.2	130.5	104.9	105.8	109.4
PHILADELPHIA	1,922.5	1,943.5	1,931.8	1,619.9	1,635.6	1,629.8
PITTSBURGH	942.0	957.4	974.4	812.0	817.6	851.7
POTTSVILLE	47.3	48.1	49.1	38.5	39.2	40.6
READING	135.2	139.0	138.6	119.5	121.2	123.5
UNIONTOWN-CONNELLSVILLE	35.2	35.5	37.9	27.9	27.7	30.1
WILLIAMSPORT	46.5	47.2	47.9	40.1	40.7	41.6
YORK	152.5	156.1	156.3	133.9	136.6	138.2

Area	Manufacturing			Nonmanufacturing		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
UNITED STATES	19,742.0	19,999.0	21,054.0	69,993.0	69,974.0	68,964.0
PENNSYLVANIA	1,307.3	1,342.2	1,397.1	3,421.3	3,481.2	3,455.5
ALLENTOWN-BETHLEHEM-EASTON	107.8	110.6	109.9	154.2	156.4	153.4
ALTOONA	12.7	13.5	13.4	41.5	41.7	40.3
ERIE	41.3	42.4	44.8	74.6	75.3	74.2
HARRISBURG	42.1	42.4	43.9	175.0	175.1	178.0
JOHNSTOWN	18.5	18.9	21.0	67.0	69.3	71.3
LANCASTER	57.7	58.6	61.1	93.6	93.5	91.9
NORTHEAST	69.7	72.5	71.8	172.4	170.8	174.6
SCRANTON	25.9	27.8	26.4	59.8	58.8	59.6
WILKES-BARRE-HAZLETON	38.7	39.4	40.8	86.7	86.5	89.7
PHILADELPHIA	438.3	446.7	456.7	1,482.2	1,495.9	1,474.8
PITTSBURGH	241.3	242.6	260.1	699.1	712.8	711.2
POTTSVILLE	18.7	19.4	20.4	28.6	28.7	28.7
READING	50.5	51.9	54.3	84.7	87.0	84.3
UNIONTOWN-CONNELLSVILLE	6.6	6.9	8.1	28.5	28.5	29.8
WILLIAMSPORT	16.1	16.8	17.8	30.4	30.4	30.1
YORK	62.8	64.7	65.9	88.6	91.3	90.2

* Excludes Government employment